

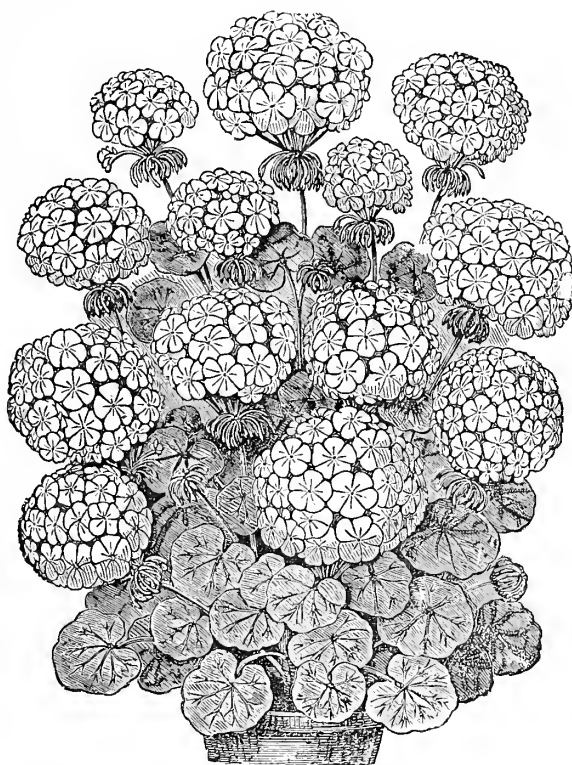
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I. N. Kramer & Son

111
Seedsman and Florists



1914

CEDAR RAPIDS, IOWA

POINTERS

All Letters and Telegrams should be sent to No. 318 Third Avenue, Cedar Rapids, Iowa.

Don't forget to sign your name plain and in full, and give Postoffice, County and State.

Write Name of each article on separate line and keep copy of your order.

Plant Orders—Orders for plants will be filled as early in spring as we consider it safe to send them. If ordered for immediate shipment in severe weather they will be sent at purchaser's risk.

Terms, Cash with Order.

Remittances should be sent by Registered Letter, Money Order, Bank Draft or Express. Loose money or stamps are at risk of sender. Parcel Post or Two-Cent stamps taken for amounts less than \$1.00.

How to Ship—Always state whether to ship by Mail or Express or Freight. If by Express or Freight, state what company.

Keep Plant and Seed Orders Separate. Kindly write your plant order on one side of order sheet and seed order on the other, and only one variety or kind on a line.

Plants by Mail—Upon receipt of price we will send small plants **FREE** by mail when order amounts to 50 cents or more; for less amount add 10 cents for postage. Larger size plants by express only.

Plants by Express—All plants will be sent by Express at purchaser's expense unless otherwise ordered, as this is the best and safest way to ship plants, and we can often send larger size.

We Pay Postage on Seeds when ordered by the packet, ounce, pound, pint and quart unless otherwise noted. Larger quantities at purchaser's expense.

No Charge for boxing, packing or delivering to Express Office.

We Guarantee the safe arrival of Plants and Seeds by Mail or Express, except plants in cold weather. **Complaint, if any, must be made on receipt of goods,** as we cannot hold ourselves responsible for the results of after treatment.

No Business Done from sundown Friday until sundown Saturday except flower work when necessary for funerals.



DISCLAIMER

While we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty express or implied. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.

FOR YOUR PROTECTION

While we do not and will not guarantee seed, as stated in our disclaimer, we however give you (on arrival of seed and before planting or sowing) the privilege, in fact we want you to examine it, test it, or have it inspected and tested by the State Seed Inspector, the State Botanist or the U. S. Department of Agriculture. **Then you be the judge.** If their report or test is not satisfactory, you can return the seed to us within ten days, and we will return your money promptly. Can any offer be fairer?

I. N. Kramer & Son.

CHOICE CUT FLOWERS

We have choice cut Roses and Carnations at all seasons of the year at market prices, which are subject to change without notice.

Lilies, Hyacinths, Tulips, Narcisus, Daffodils, Chrysanthemums, Violets, etc., in their season.

Assorted boxes of loose flowers from 50 cents up to any price desired.

Notice—All flowers shipped by express unless otherwise ordered and at purchaser's expense. If to go by prepaid express or by mail, postage or express charges must be added to cost of flowers, otherwise same will be deducted from amount received. Telephone and telegraph charges must be paid by sender. We pack all orders securely in best possible manner and deliver in good condition and on time to express company or postoffice, after which our responsibility ceases. **We will positively not be responsible for delays or injury in transit, as we have no control whatever over the express and railroad companies or the U. S. mail.**

I. N. KRAMER & SON

No. 318 Third Avenue

Store—Telephone 265—Residence 2 rings on 418

Cedar Rapids, Iowa

CUT FLOWER DEPARTMENT



We would call the attention of our patrons to our present facilities of furnishing seasonable choice cut flowers at all times. We also furnish and execute in the most modern and artistic manner all kinds of designs for table, house or church decorations for any desired purpose. With our large and varied stock of flowers, competent artists and long experience we confidently place our work in competition with the best in the land. All orders intrusted to us will be executed promptly in the latest styles and at reasonable prices. The following is a partial list of our designs. Prices vary according to size:

Anchors, Wreaths and Crosses, flat, \$3.00 to \$20.00 each.
 Anchors, Wreaths and Crosses, standing, \$5.00 to \$20.00 each.
 Harps and Lyres, standing, \$5.00 to \$20.00 each.
 Broken Columns, \$8.00 to \$25.00 each.
 Cross and Crown, \$8.00 to \$15.00 each.
 Broken Wheel, \$6.00 to \$20.00 each.
 Gates Ajar, \$10.00 to \$25.00 each.
 Gates Ajar with White Dove, \$15.00 to \$30.00 each.
 Sickles on Easel with Sheaf Wheat, \$5.00 to \$12.00 each.
 Sheaf Wheat tied with ribbons and flowers, \$2.00 to \$10 each.
 Cycas Palm Leaves, tied with ribbons and flowers, \$7.00 to \$10.00 each.
 Baskets in all styles filled with choice flowers, 50c to \$10 each.
 Brides Bouquets, \$3.00 to \$10.00 each.
 Hand Bouquets, 50c to \$5.00 each.
 Triangle, \$5.00 to \$10.00 each.
 Odd Fellows' Designs, \$6.00 to \$15.00 each.
 Stars and Hearts, \$2.50 to \$9.00 each.
 Pillows, \$5.00 to \$25.00 each.
 Pillows with White Dove, \$10.00 to \$25.00 each.
 Sickles, \$3.00 to \$6.00 each.
 Bouquets (Gent's Buttonhole), 5c to 25c each.
 Ladies' Corsage Bouquets, 50c to \$3.00 each.

If you are not interested in Seeds and Plants, kindly hand this Catalogue to your neighbor.

General List of Novelties and Leading Standard Varieties in Garden Seeds

MAY 29 1914

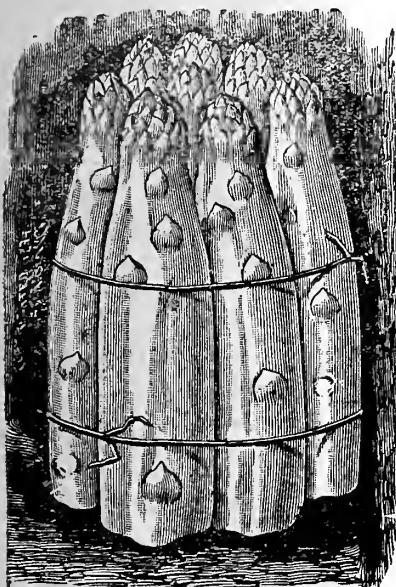
All Quotations Subject to Change Without Notice

Parcel Post rates do not apply to seed and plants. Postage on these is one cent for each two ounces or fraction thereof.

We do not claim to have the cheapest and only good seeds in the market, but claim to have the best seeds obtainable and at reasonable prices. This list, as revised for 1914, contains the very best varieties of True Value to Buyers. All our seeds have been tested to prove their vitality, and none are sold that are of poor germination. However, we do not guarantee or warrant seeds in any way, as failure of seeds to germinate and crops to mature may result from causes over which we have no control or that no human being can avert. If not accepted on these terms seed must be returned at once and money will be refunded.

SEED DELIVERY N. B.—At prices quoted we pay Postage or Express on all seeds (except farm seeds) ordered by the packet, pound, pint and quart, unless otherwise noted. If purchaser desires to pay his Express or Freight charges he may deduct eight cents per pound and ten cents per quart for Sweet Corn, and fifteen cents per quart for Beans and Peas from price given. Seeds offered in lots larger than one pound or quart at buyer's expense. "By freight or Express" always means that the transportation charges are paid by the purchaser.

ASPARAGUS



COLUMBIAN MAMMOTH WHITE

CONOVER'S COLOSSAL—A well known variety of large size. Lb. 75c; ¼ lb. 20c; oz. 10c; pkt. 5c.

ASPARAGUS ROOTS **CONOVER'S COLOSSAL AND COLUMBIAN MAMMOTH WHITE**—(By express or freight only) 25c per doz; 100 for \$1.

BEANS—Bush or Snap. Green Sorts

Culture—About first of May sow in rows 2 in. deep and 18 inches to 2 feet apart; beans 3 inches apart. Sow every two weeks for a succession until September. One quart to 100 feet of drill. One and a half bushels per acre.

STRINGLESS GREEN POD BEANS—NEW—By far the best of this class, very early, large and stringless. Do not fail to try it. Pkt. 10c; pt. 35c; qt. 60c; pk. \$2.50.

DWARF HORTICULTURAL—One of the best varieties for use shelled green. Pkt. 10c; pt. 25c; qt. 50c; pk. \$2.00.

LARGE WHITE MARROW, OR MOUNTAIN—Beans large, clear white, oval. Pkt. 10c; pt. 20c; qt. 40c; pk. \$1.40.

IMPROVED EARLIEST VALENTINE—Usually ready to pick in 35 days after planting. Pkt. \$2.00; qt. 50c; pk. 10c.

IMPORTED NAVY, OR BOSTON PEA BEAN—Very early, hardy and prolific; beans, small, round and handsome. Bu. \$4.00; pk. \$1.25; qt. 40c; pk. 10c.

WAX BEANS

WARDWELL'S KIDNEY WAX—One of the earliest and most productive of all wax beans. Pods are long, very tender, stringless, and of excellent quality. Pk. \$2.50; qt. 60c; pt. 30c; pkt. 10c.

Culture. — Sow in March or April, in rows 1 foot apart. When two years old transplant into permanent beds. Set the plants in rows from 2 to 4 feet apart and 15 to 20 inches in the row, and cover about 4 inches deep. On approach of winter cover with manure or straw. One ounce will sow 40 feet of drill.

ASPARAGUS SEED

BONVALLET'S GIANT—Very large early and productive one of the very best. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

COLUMBIAN MAMMOTH WHITE—A new and entirely distinct variety that produces shoots which are white. Lb. 75c; ¼ lb. 20c; oz. 10c; pkt. 5c.

PALMETTO—Very large, early and productive and of the very best quality. Lb. 75c; ¼ lb. 20c; oz. 10c; pkt. 5c.

RUSTLESS GOLDEN WAX (CURRIES)—Extremely free from rust, very early productive and of fine quality. Pk. \$2.50; qt. 60c; pt. 30c; pkt. 10c.

DWARF BLACK WAX—A standard sort. Pk. \$2.50; qt. 60c; pkt. 10c.

DWARF GOLDEN WAX—Pods yellow, brittle, entirely stringless, a good snap sort and very productive. Pk. \$2.50; qt. 60c; pkt. 10c.

CHALLENGE BLACK DWARF WAX—The earliest black bean in cultivation. Fully one week earlier than any other wax bean. There is no better than this for first yearly crop. Pk. \$2.50; qt. 60c; pt. 30c; pkt. 10c.

DAVIS WAX—The most productive wax bean, pods long and of a clear, waxy white color, quite stringless and of fine flavor. Pk. \$2.75; qt. 65c; pt. 35c; pkt. 10c.

BUSH LIMA BEANS

BURPEE'S BUSH LIMA—Identical in size and luscious flavor with the well known Pole Lima. Pk. \$3.50; qt. 70c; pt. 40c; ½ pt. 20c; pkt. 10c.

DEER'S (KUMERIE, or THORNBURN'S) BUSH LIMA—Grows about two feet high, matures early, remains green for a long time after ripening. Compared with the old Large Lima, the individual Beans are not large, they are plumper and of a far superior flavor. Per ½ pk. \$2.00; qt. 70c; pt. 40c; ½ pt. 25c; pkt. 10c.

POLE BEANS

Culture—After settled warm weather, set 4 to 8 foot poles in rows 4 feet apart, the poles being 3 feet apart in the row. Around each hill plant five to eight Beans 2 inches deep. When well started, thin to four plants and see that they all climb around the pole in the same way. One quart to 150 hills. 12 to 15 quarts per acre.

KENTUCKY WONDER WAX POLE BEAN—Quality of this new golden yellow podded variety is the best in this class. The habit of vines and pods are similar to the old Kentucky wonder green pod variety, however the quality is superior in every way. Pkt. 10c; pt. 35c; qt. 65c; pk. \$3.00.

KENTUCKY WONDER, or OLD HOMESTEAD—Long flat green pods, seven to nine inches in length, fleshy and stringless. Heavy yielder. Excellent for snap beans. Pkt. 10c; pt. 30c; qt. 55c; pk. \$2.50.

NEW EARLY GOLDEN CLUSTER WAX—Pods very tender, six or eight inches long, of large size, and borne profusely in large clusters of from three to six, and are of a beautiful golden yellow color. It shells easily, is stringless, cooks tender, and is of delicious flavor. Pk. \$3.00; qt. 65c; pt. 35c; pkt. 10c.

"KING OF THE GARDEN" LIMA—The pods and beans are of large size and of superior quality. Pk. \$2.50; qt. 55c; pt. 30c; pkt. 10c.

HORTICULTURAL CHANBERRY—Excellent as snap or shell bean; speckled. Pk. \$2.00; qt. 50c; pkt. 10c.

DUTCH CASE KNIFE—A good cornhill bean; one of the earliest pole beans; pods long and flat, beans white, and used green and dry. Pk. \$2.50; qt. 55c; pt. 30c; pkt. 10c.

SCARLET RUNNER—A favorite both as snap bean and for its flowers, which are bright scarlet; seeds broad and kidney-shaped. Pkt. 10c.

LAZY WIFE—Pods very broad, thick, fleshy and entirely stringless, and retain this excellent quality until almost ripe, but above all. It is immensely productive. An excellent shell bean. Qt. 65c; pt. 35c; pkt. 10c.

BEETS

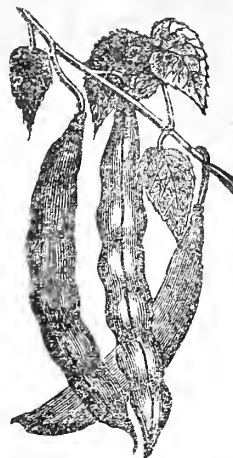
Culture—The soil should be rather light and thoroughly enriched with manure. Sow in Spring as soon as the ground becomes fit, in rows about 1 foot apart and 1 inch deep. For main crop sow first week in May; for Winter sow in June. Thin to 5 or 6 inches. One ounce to 50 feet of drill. Sow five pounds per acre.

NEW BEET, "CHICAGO MARKET"—Turnip shape, good size, smooth, of the deepest blood-red throughout. A splendid keeper. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

CROSEY'S EGYPTIAN—The Earliest Beet in the Market. Red, almost black, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

DEWING'S EARLY BLOOD TURNIP—Excellent for summer and winter use. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

EDMUND'S EARLY BLOOD TURNIP—One of the best beets grown. The flesh is of a deep blood red color, and very sweet and tender. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.





DETROIT DARK RED

DETROIT DARK RED TURNIP

Deep red. Quality is of the very best, sweet and tender. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

ECLIPSE—A very early, smooth, and globe-shaped beet. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

HALF LONG BLOOD—By far the best for winter use. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

LONG SMOOTH DARK RED—A well known winter sort. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

MANGEL WURZELS AND SUGAR BEETS

Culture—Sow in rows 2 feet apart, 2 inches between seeds, thinning later to 12 to 15 inches. For stock feeding. Long varieties do best in deep soil; round sorts in sandy soil. Five or six pounds will sow an acre.

SUGAR BEETS

VILMORIN'S IMPERIAL WHITE SUGAR—An improved French variety. Lb. 45c; ¼ lb. 20c; oz. 5c.

LANE'S IMPROVED SUGAR—Very productive and sweet. Lb. 45c; ¼ lb. 20c; oz. 5c.

KLEIN WANZLEBEN—Considered one of the best varieties, a heavy yielder. Oz. 5c; ¼ lb. 20c; lb. 45c.

MANGEL WURZEL BEET

IMPROVED MAMMOTH LONG RED—This is an enormously productive variety, yielding 40 to 60 tons to a single acre. Lb. 40c; ¼ lb. 20c; oz. 5c.

GOLDEN TANKARD—The best yellow mangel in cultivation. Lb. 40c; ¼ lb. 20c; oz. 5c.

SWISS CHARD BEET, or SUMMER SPINACH—For description see page 10. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

BRUSSELS SPROUTS

Culture—The seed should be sown in April or May, and the

MAMMOTH LONG RED

plants cultivated like cabbage; the heads are improved by frost. An ounce will produce 2,000 plants.

This plant is allied to the cabbage, producing small heads from the sides of the stalk, which are in perfection for use in autumn after early frosts.

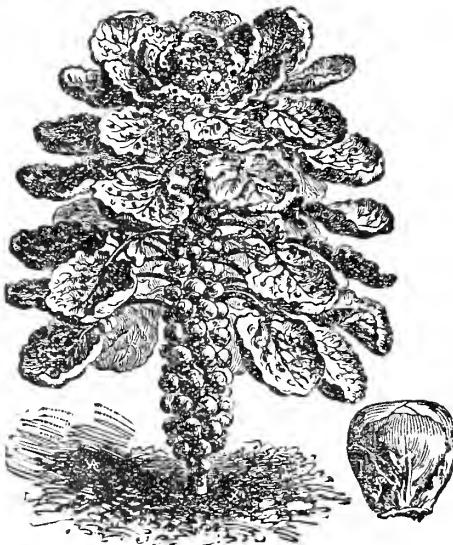
IMPROVED DWARF—A fine strain. ¼ lb. 45c; oz. 15c; pkt. 5c.

BROCCOLI

(Sparzel Kohl)

Culture—Same as Cauliflower. Ounce will sow a bed 40 ft. square. This plant resembles Cauliflower, but is harder and of less delicate flavor.

PURPLE CAPE—The popular sort, with large purplish heads. Oz. 30c; pkt. 10c.



BRUSSEL'S SPROUTS

CABBAGE

Culture—Sow in hot-beds in February. Transplant in March or April about 20 inches apart, in rows 2 feet wide. For second early crop, sow seeds of early kinds in April and plant out in May. For a late crop, sow early in May and plant out in June the plants 2 and the rows 3 feet apart. One ounce will produce 1,000 to 2,000 plants.

KRAMER'S SELECT EARLY JERSEY WAKEFIELD—The

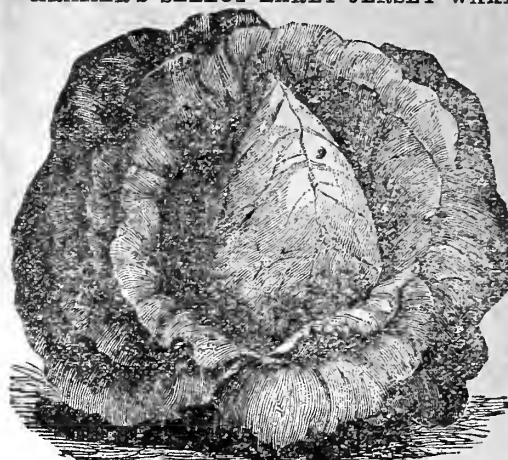
best early sort in cultivation; forms a fine solid head of good size, conical in shape. ¼ lb. \$1.25; oz. 35c; pkt. 10c.

EARLY JERSEY WAKEFIELD

Same as above except that it is not so carefully selected. ¼ lb. \$1.00; oz. 30c; pkt. 5c.

LARGE JERSEY WAKEFIELD

Larger and a trifle later than above sort. Heads hard, solid



SELECT EARLY JERSEY WAKEFIELD

and uniform in quality. ¼ lb. \$1.25; oz. 35c; pkt. 5c.

EARLY SPRING CABBAGE—Earliest and best hard heading flat cabbage. If you want a flat heading variety try this. Pkt. 10c; oz. 30c; ¼ lb. \$1.00.

HENDERSON'S EARLY SUMMER—Matures between Wakefield and Fottler's. ¼ lb. \$1.00; oz. 30c; pkt. 5c.

HENDERSON'S SUCCESSION—About a week later than the Early Summer, but double the size. ¼ lb. \$1.00; oz. 30c; pkt. 5c.

EARLY FLAT DUTCH—¼ lb. 75c; oz. 25c; pkt. 5c.

ALL HEAD EARLY—¼ lb. \$1.00; oz. 30c; pkt. 5c.

THE HOUSE CABBAGE—It is very late and one of the

hardest heading cabbages we ever saw. A first-class keeper. Pkt. 10c; oz. 40c.

KRAMER'S SELECTED PREMIUM FLAT DUTCH

—No Cabbage is so universally grown as this, hence it is the favorite with the people for general use. We have, therefore, sought for the finest possible selection of it, and believe that in our seed of this we have a strain that in reliability for heading, evenness of crop and size cannot be surpassed. ¼ lb. \$1; oz. 30c; pkt. 5c.

FOTTLER'S IMPROVED BRUNSWICK DRUMHEAD—Best Early Drumhead. Stem small and short, head large. ¼ lb. 75c; oz. 25c; pkt. 5c.

IMPROVED AMERICAN SAVOY—Best Savoy. ¼ lb. 75c; oz. 25c; pkt. 5c.

MAMMOTH ROCK RED—This is the best red cabbage. Pkt. 5c; oz. 30c; ¼ lb. \$1.00.

BURPEE'S SUREHEAD—Large, round, flattened heads, very hard and of fine texture and weighs from 10 to 15 pounds. It is a good keeper and shipped of fine quality and certain to head. ¼ lb. \$1.00; oz. 30c; pkt. 5c.

IMPROVED DANISH BALLHEAD CABBAGE—Heads round as a ball, of good size, solid and very fine grained. Pkt. 10c; oz. 40c; ¼ lb. \$1.25.

DUTCH WINTER or HOLLANDER—It is the hardest heading, finest grained and best keeper of any cabbage known. ¼ lb. \$1.25; oz. 40c; pkt. 10c.

CABBAGE PLANTS

We grow these in large quantities and can furnish them at lowest rates. For prices see "Vegetable Plants."

USE SLUG SHOT for Cabbage Worms. It kills them. Lb. 10c; 5 lbs. 35c; by express. If to go by mail, add 16c per pound for postage.

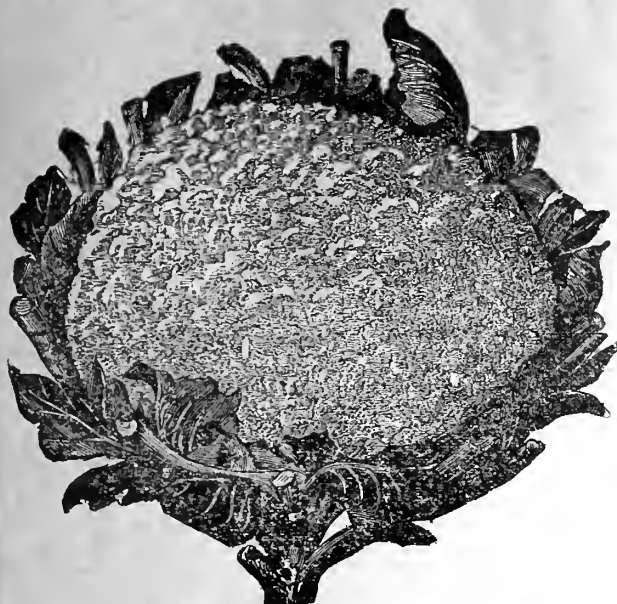
CAULIFLOWER

For Plants of Cauliflower see End Vegetable Seed List. Culture—For Spring and early Summer crop sow in March or early in April in hotbed, transplant to cold frame when suffi-



THE HOUSE

ciently large, and to open ground as soon as danger of frost is over. For late crop sow at same time as for late Cabbage. One ounce of seed will produce 1,000 plants.



DANISH SNOWBALL CAULIFLOWER

DANISH SNOWBALL CAULIFLOWER—This is a popular extra early strain of dwarf, compact growth. It is valuable for both early and late. Pkt. 20c; ¼ oz. 75c; oz. \$2.50.

HALF EARLY PARIS—Largest for forcing. Oz. 85c; pkt. 5c.

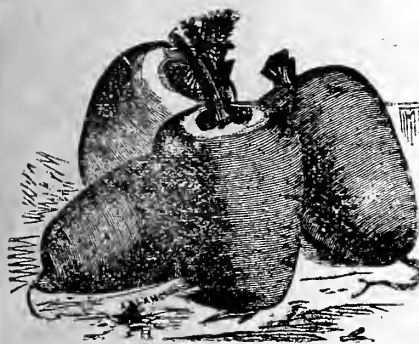
LARGE EARLY ERFURT—Best for late. Oz. 75c; pkt. 5c.

ALGIERS—One of the largest and best for late use. Oz. 75c; pkt. 5c.

CARROTS

Culture—A well-enriched sandy loam is the best for this crop. Market-gardeners sow in rows about 18 inches apart. One ounce will sow 100 feet of drill. Four pounds per acre.

EARLY CHANTENAY—The Elegant Bunching Carrot. The carrots grow about six inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary. Fine table sort; excellent cropper. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c.



OXHEART

very heavy yielder; a splendid keeper. It is a first-class carrot for all soils and valuable both for table use and for stock. Lb. 85c; ¼ lb. 25c; oz. 10c; pkt. 5c.

NANTES' EARLY HALF-LONG SCARLET—Lb. 85c; ¼ lb. 25c; oz. 10c; pkt. 5c.

STOCK CARROTS

IMPROVED LONG ORANGE—Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

LARGE WHITE BELGIAN—Very productive; grown almost entirely for stock. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

LARGE YELLOW BELGIAN—Like above, except in color. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

NOTICE

Parcel Post rates do not apply to seeds and plants. Rates on these same as before which is one cent for each two ounces or fraction thereof.

SWEET CORN

Culture—Sugar Corn requires a good soil and a warm situation. Begin for first early by planting the early varieties about May 1, and for a continuous supply all summer make plantings about two weeks apart, from May 1 until late July, first planting early varieties, then later ones. Plant in rows 3 feet apart each way. One quart for 200 hills, 8 to 10 quarts in hills for an acre.

NEW SWEET CORN—**Early Iowa**—The finest early Sweet Corn now on the market. A week ahead of Early Cory, and the ears are nearly, though not quite, as large. Pkt. 10c; pt. 25c; qt. 45c; pk. \$2.00.

SWEET CORN—**MALAKOFF**—It is the earliest real Sweet Corn in existence—compared to Early Cory, it is fully a week in advance. Ears small. Grows only three feet high, and usually bear two ears to the stalk. Pkt. 10c; pt. 25c; qt. 45c; pk. \$2.00.

PEEP O'DAY—Ears about five inches long, remarkably sweet and early. Try this variety. Price per pkt. 10c; pt. 20c; qt. 45c; pk. \$2.00.

GOLDEN BANTAM—A very early sweet corn with golden yellow grain, very tender and of excellent quality. The ears are eight-rowed, six to seven inches long and of the medium size found most suitable for the table. The flavor is

exceptionally rich and delicious. Height about four feet. Pkt. 10c; pt. 25c; qt. 45c; pk. \$2.00.

MAMMOTH WHITE CORY SWEET CORN—As early as the earliest, and no extra early sweet corn will compare with it in size. The ears are 12-rowed, fully twice the size of the old Cory. Pkt. 10c; pt. 25c; qt. 45c; pk. \$2.00.

HOLMES' PREMO 60-DAY SWEET CORN—It not only combines all the merits of the leading early varieties, but it is also really superior to them all in size, quality and yield. Pkt. 10c; pt. 25c; qt. 45c; pk. \$2.00.

NEW EARLY CHAMPION SWEET CORN—Produces ears 12 inches long in sixty days. This new variety is without question the earliest large sweet corn yet introduced, being only a few days later than the first early small sorts. Pkt. 10c; pt. 20c; qt. 45c; pk. \$2.00.

EARLY MINNESOTA—An old favorite and quite early. Pkt. 10c; qt. 40c; pk. \$1.75.

SECOND EARLY AND LATE VARIETIES

PERRY'S HYBRID—There is no better second early. Pkt. 10c; qt. 40c; pk. \$1.50.

EARLY EVERGREEN—The ears of this corn grow 8 inches long, are mostly 14 to 18 rows. It ripens 10 to 12 days in advance of Stowell's Evergreen and is equally as good for all purposes. Qt. 45c; pt. 20c; pkt. 10c; pk. \$2.00.

IMPROVED NE PLUS ULTRA—(Country Gentleman) — Long ears, averaging 1 to 12 inches, snow white kernels, very deep, and is without doubt the sweetest and most tender of all sweet corns. In time it matures a little earlier than Evergreen. Pkt. 10c; pt. 45c; pk. \$2.00.

STOWELL'S EVERGREEN—The standard late sort. We have an extra fine pure strain of this most popular kind. Pkt. 10c; qt. 40c; pk. \$1.75.

STOWELL'S EVERGREEN—Eastern grown. Qt. 45c; pk. \$2.

BLACK MEXICAN—This medium early variety, in spite of its bluish purple grain, on account of its wonderfully sweet and fine grained quality, is becoming more of a favorite every year. Pkt. 10c; qt. 45c; pk. \$2.00.

POP CORN

WHITE RICE—The most popular variety grown. Lb. 30c; ½ lb. 20c; pkt. 10c.

MAPLEDALE PROLIFIC—The most prolific variety grown. Quality fine. Lb. 30c; ½ lb. 20c; pkt. 10c.

CRESS, or PEPPER GRASS

CURLED — Extensively used as a small salad; the leaves while young have a warm, pungent taste. Sow rather thick in shallow drills and at short intervals during the season. 1 ounce will plant 200 feet of row. Lb. 50c; ¼ lb. 20c; oz. 10c; pkt. 5c.



CRESS, or PEPPER GRASS

WATER CRESS*Wasser Kress—Cresson de Fontaine*

The pleasant and peculiar flavor of the Water Cress causes it to be highly esteemed for table use. Its culture can be carried on anywhere where there is a sufficient supply of fresh pure water; it is not even necessary it should be running water if it can be renewed often enough to keep it clean and pure. It can be grown without water even in tubs filled with good soil and kept in a moist, shady position with an

occasional watering. Oz. 40c; pkt. 10c; 3 for 25c.

CORN SALAD

This is a hardy winter salad, the small leaves being served like lettuce during the cool fall and early winter months. It is used also for garnishing meat dishes in the same manner as parsley and cress. It does not succeed during warm weather, and the seed should be sown thinly in drills during August, September, and October to supply fresh leaves during the cool fall and winter months. It is quite hardy, and after cool weather sets in can be protected by a thin mulch of soft hay or straw. One ounce will plant 50 feet of row.

LARGE ROUND-LEAVED, LARGE-SEEDED—Per pkt. 5c; oz. 10c; ¼ lb. 25c; per lb. 70c.

CHERVIL

DOUBLE CURLED—Lb. \$2.00; ¼ lb. 60c; oz. 20c; pkt. 5c.

CHICORY

LARGE ROOTED—Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

WITLOOF-CHICORY, or FRENCH ENDIVE—The principal use of Witloof now is as a winter salad and it is most delicious served with French dressing and eaten like Cos lettuce. The seed should be sown in the open ground not later than June, in drills 12 to 18 inches apart, using 1 oz. to 100 feet of row, thinning out the plants so that they will stand not closer than 3 inches. The plant forms long parsnip-shaped roots and these should be lifted in the fall, cutting off the leaves and then store in soil in a cool place until wanted for forcing. The roots should be planted in a trench 16 to 18 inches deep and placed upright about 1½ to 2 inches apart, which will allow the neck of the root to come within 9 inches of the level of the trench. The trench should be filled with a light soil, and if a quicker growth is desired, this can be accomplished by a mulch of fresh manure about 2 feet deep. It requires about 1 month to force the roots and the heads are cut off with a small portion of the neck of the root attached. Per

pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

CELERY

For Celery, Pepper and Tomato Plants, see End of Vegetable List

Culture—Sow in a finely prepared seed-bed, not over ¼ inch deep and keep the bed moist. Transplant to rows 3 to 5 feet apart and 6 to 8 inches apart in the row. After plants have grown to full size bank up with earth on each side of row. For winter use take up before severe freezing, trim off all outer leaves and plant close together in a trench or in cool cellar. Keep roots moist and tops dry. Good plants may be set out as late as middle of August. One ounce will

produce 4,000 plants. One pound of seed for producing sufficient plants for an acre.

NEW GIANT PASCAL—The largest and best variety of Celery, and of superior keeping qualities. ¼ lb. \$1.00; oz. 25c; pkt. 10c.

GOLDEN SELF BLANCHING—The rich golden yellow, with yellowish outer green leaves. Of dwarf, compact habit and rich nutty flavor. ¼ lb. \$3.50; oz. \$1.50; pkt. 10c.

WHITE PLUME—A handsome, crisp sort of very easy cultivation as it is almost self-blanching, requiring for this purpose but a single hoeing-up of the earth about the stalks. ¼ lb. \$1.00; oz. 30c; pkt. 5c.

DWARF GOLDEN HEART—The most popular variety of all. ¼ lb. \$1.50; oz. 40c; pkt. 5c.

GIANT GOLDEN HEART—Rich golden color, large size, excellent quality, crisp and very fine flavor. ¼ lb. \$1.50; oz. 40c; pkt. 10c.

CHIVES

Chives are a small hardy perennial plant, resembling the onion in appearance and growing in clusters. They are grown for the young leaves which are produced freely from early in the spring and give a mild onion flavor to sausages, salads and various dishes. The tops appear early in the spring, and can be shorn off close to the ground as needed. They can be grown also in pots in a sunny window during winter. Roots per bunch, 25c; by mail, postpaid.

CELERIAC

(Knollen Sellerie)

GIANT PRAGUE

The roots are almost globe-shaped, very even and without rootlets except on the under part. They are usually double the size of those of other varieties and the leaf stalks are stouter. ¼ lb. 75c; oz. 25c; pkt. 5c.

**CELERIAC—Giant Prague****CUCUMBERS**

Culture—An ounce will plant about 50 hills. Sow about first of May in turned-over sods or small pots, which can be bedded in the soil in the frames, and use little bottom-heat. Transplant to open ground in 3 or 4 weeks, plants 3 to 4 feet apart each way, 4 strong plants to each hill. Two to three pounds per acre.

IMPROVED LONG GREEN—A standard variety of superior quality. Lb. \$1.25; ¼ lb. 35c; oz. 10c; pkt. 5c.

**Improved Long Green Cucumber**

THE DAVIS PERFECT CUCUMBER—An excellent cucumber for both outdoor use and forcing. The fruits grow 11 to 12 inches long on an average; slim, slightly pointed, a dark, glossy green color, which they keep until ripe, then turning white. In quality it is very tender, brittle and of fine flavor. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.35.

KRAMER'S IMPROVED ARLINGTON WHITE SPINE—It is beyond question the earliest, most shapely and productive variety of this type; of a rich green color throughout its entire length, very straight and symmetrical. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

JAPANESE CLIMBING CUCUMBER—May be grown on fences, poles or trellises, thus saving much valuable space in small gardens. The fruits are 10 to 12 inches in length, of a fine green color, the flesh is thick and firm, never bitter, and fine for pickling, as well as slicing. It is very prolific and the fruits, being raised well above the ground, never suffer from wet weather or insects. ¼ lb. \$1.00; oz. 25c; pkt. 10c.

EVERGREEN WHITE SPINE—Long dark green of finest quality. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

WESTERFIELD CHICAGO PICKLE—Undoubtedly the best cucumber for pickles; medium length, pointed at both ends. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

IMPROVED EARLY WHITE SPINE—Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

GREEN PROLIFIC, or BOSTON PICKLING—Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.



LEMON CUCUMBER—A novelty of a new and entirely distinct type. Tender, sweet and crisp. If you are fond of cucumbers, and want one that will almost melt in your mouth, try our Lemon. Our illustration is from a photograph of the fruits, in comparison, with an ordinary cucumber. They are nearly round, with the yellow and green markings and smooth skin of the lemon, while the flesh is exceedingly tender and crisp, with a sweet flavor surpassing all other cucumbers.



LEMON CUCUMBER

are at the best just as they are turning yellow. Price per pkt. 10c; 3 pkts. 25c.

EGG PLANT

Culture — Sow the seed in hotbed about March 1, transplant to 4 inches apart, and when the plants grow thick, transplant to 8 inches apart. Set in the field about May 20th. One ounce produces about 1000 plants.

NEW YORK IMPORTED — The leading market sort, very large and smooth, fine dark color, very productive and of excellent quality. Our strain of this variety is unexcelled, and has given the greatest satisfaction to market gardeners. Oz. 40c; pkt. 10c.

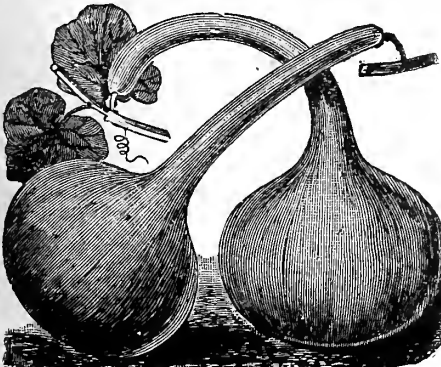
IMPROVED NEW YORK PLANT
ENDIVE**ENDIVE.**

Fine market sort for early use. ¼ lb. 50c; oz. 20c; pkt. 5c.
GREEN CURLED WINTER—Tender green leaves which blanch white. Hardy. ¼ lb. 50c; oz. 20c; pkt. 5c.

GOURDS

DISHCLOTH GOURD—This remarkable plant derives its name from the peculiar lining of its fruits, which is of a spongy, tough and durable texture, which renders it very valuable as a natural dishcloth. Pkt. 5c.

SUGAR TROUGH GOURD — They grow to hold 4 to 10 gallons each, have thick shells, very light but dur-



DIPPER GOURDS

able, having been kept in use as long as 10 years, and are useful as baskets, etc. Oz. 25c; ½ oz. 15c; pkt. 5c.

DIPPER GOURD—Valuable for household purposes. They make dippers of various sizes, which will last for years. If the vines are trained on trellises, the handles will grow straight otherwise they curve. Pkt. 5c.

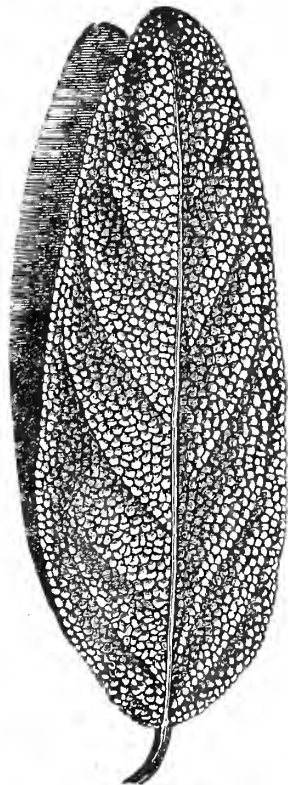
WHITE NEST EGG—Also called Japanese Nest Egg Gourd; resembles in color, shape and size the eggs of hens, and do not crack, and are not injured by cold or wet, and therefore make the best nest egg. Pkt. 10c; 3 for 25c.

GARLIC

The Garlic is the most pungent in taste and has the strongest odor of all the onion family. It is largely used in the south of Europe, where it is esteemed for flavoring soups, stews, etc. The root or bulb is composed of many small bulbs, called "cloves" which are planted in the spring. Bulbs, per pound, 30c, postpaid.

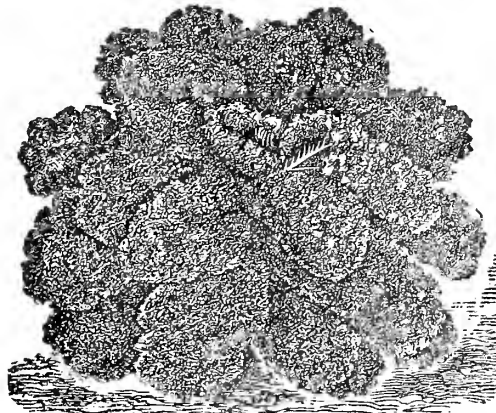
HERBS Varieties with a * are Perennial

	Pkt.
Anise	5
*Balm	5
Bene	5
Borage	5
*Caraway	5
Catnip or Catment	5
Coriander	10
Chives	5
Dill, pound \$1.25	5
*Fennel	5
*Henbane	10
*Hop	5
Horehound	5
*Hyssop	5
*Lavender	5
*Pennyroyal	10
*Rosemary	5
Rue	5
Saffron	5
Sage, oz. 15c	5
Summer Savory	5
Sweet Marjoram	5
*Thyme	5
Winter Savory	5
*Wormwood	5

**HOLT'S MAMMOTH****SAGE Plants only**

The plants are of strong growth, attaining to a height of 1 foot the first season, and spread so that a single plant covers a space of 3 feet in diameter. Our illustration shows a leaf of natural size; they are borne well above the ground and are of unusual substance, strong in flavor and superior quality. Is perfectly hardy and attains a still larger growth the second season. It does not seed. Price each, 15c; 3 for 35c; 15 for \$1.00; by mail, postpaid.

HOLT'S MAMMOTH SAGE

KALE, or BORECOLE**DWARF GREEN CURLED**

more in length, but with the fine curled varieties the leaves can be gathered for use when of good size.

DWARF GREEN CURLED—Very hardy; should be treated like spinach. ¼ lb. 30c; oz. 10c; pkt. 5c.

This is a popular boiling-green for fall, winter, and early spring use, resembling cabbage in flavor. The plant is entirely hardy in well-drained soil and can be grown easily from seed planted during the summer and fall months. The plants are usually cut off for use when the leaves are 6 inches or 6

KOHLRABI, or TURNIP CABBAGE

KOHLRABI
large and broad.
flavor. $\frac{1}{4}$ lb. 60c; oz. 25c; pkt. 5c.

Culture—Set plants 8 inches apart in rows. For later use, sow seed in rows and thin out. One ounce will sow a drill about 200 feet.

EARLY WHITE VIENNA—Flesh white and tender. $\frac{1}{4}$ lb. 75c; oz. 25c; pkt. 5c.
EARLY PURPLE VIENNA—An excellent sort, a little later than the white. $\frac{1}{4}$ lb. 75c; oz. 25c; pkt. 5c.

LEEK

Culture—Sow as early in spring as practicable, in rows a foot apart, and cover one-half inch deep. When 6 to 8 inches high, set 10 inches apart each way, as deep as possible. Ground can hardly be too rich. One ounce will sow 100 feet of drill.

LARGE MUSSELBURGH
Of enormous size, leaves Of very mild, pleasant

**LEEK****LETTUCE**

Culture—For early crop, seed outdoors in September or transplant to cold frames as soon as large enough to handle, and winter like early cabbage. Sow in a well protected frame in February, and in hot beds in March. For home use, sow in rows a foot apart early in spring; thin plants to a foot apart. One ounce will produce about 1,500 plants.

BIG BOSTON—This is a fine forcing variety for cold-frames during the winter months, as it produces heads of very large size, often 10 to 12 inches across, and succeeds better in a cooler temperature than most forcing strains. The large heads are beautifully blanched and of superior quality. It heads well also in the open ground during cool weather of spring and fall, and is very popular in the south to grow for shipping north. Our seed is the choicest it is possible to produce. Per pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

MAY KING LETTUCE (Novelty)—It can be planted out of doors or under glass, and in either case will produce fine solid heads much sooner than any other variety. The outer leaves are a yellowish-green, tinged with brown, while inside it is rich golden yellow. Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c.

BLACK SEEDED SIMPSON—Does not head, but forms a large, compact mass of leaves; stands the summer heat well. $\frac{1}{4}$ lb. 40c; oz. 10c; pkt. 5c.

WHITE CABBAGE—A good summer variety; heads of good size, close and well formed. $\frac{1}{4}$ lb. 40c; oz. 10c; pkt. 5c.

FERRY'S PRIZE HEAD—Leaves tinged brown. A good home garden sort; hardy and of good flavor; very slow to run to seed. $\frac{1}{4}$ lb. 40c; oz. 10c; pkt. 5c.

WHITE SEEDED TENNIS BALL, or BOSTON MARKET—A fine early sort; small heads. Lb. \$1.25; $\frac{1}{4}$ lb. 35c; oz. 10c; pkt. 5c.

IMPROVED HANSON—Forms very large, firm heads, resembling a cabbage, which are deliciously sweet, crisp and tender. $\frac{1}{4}$ lb. 40c; oz. 10c; pkt. 5c.

GRAND RAPIDS FORCING—The best sort for greenhouse forcing, as it stands more neglect in the way of watering and ventilation; will grow more weight on the same ground and will stand longer after it has matured. It does not grow quite so rapidly as Black Seeded Simpson, but is superior in every other respect. $\frac{1}{4}$ lb. 50c; oz. 15c; pkt. 5c.

**GRAND RAPIDS**

WHITE COS—One of the best Cos varieties. The outer color of this sort is yellowish green; the head is of a conical shape. $\frac{1}{4}$ lb. 40c; oz. 10c; pkt. 5c.

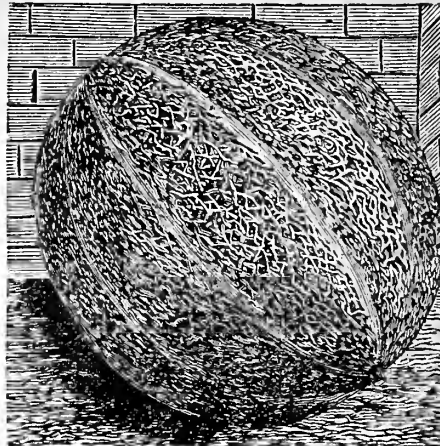
MUSK MELONS

Culture—The hills should be 3 to 6 feet apart each way, according to richness of soil. Mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant 8 to 10 seeds in each hill early in May; thin out to 3 or 4 plants to the hills. One ounce for 60 hills. Two and one-half pounds per acre.

NEW MUSK MELON, PAUL ROSE—About five inches in diameter, flesh very thick, firm and beautiful; deep salmon or orange color, deliciously sweet and melting; the seed cavity is smallest of any variety. For shipping long distances the Paul Rose has no superior. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.35.

ROCKY FORD, IMPROVED GEM—This has become one of the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick, very sweet and highly flavored. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

TIP TOP MUSK MELON—A melon recommended to every



lover of this luscious fruit and to every gardener who grows for the market. It is a yellow-fleshed melon of the very best quality; every melon produced, big or little, early or late in season, is a good one. They are sweet, juicy, of finest flavor, eatable to the very rind. It is a strong grower, heavy yielder and of handsome appearance. Our seed is grown from introducer's stock and is reliable in every way. Lb. \$1.50; $\frac{1}{4}$ lb. 50c; oz. 15c; pkt. 5c.

TIP TOP

EARLY HACKENSACK—This is a greatly improved selection of the Hackensack, being ten days or two weeks earlier, also larger and finer in appearance. Flesh light green, of delicious flavor; one of the finest melons for table use. Lb. \$1.00; $\frac{1}{4}$ 30c; oz. 10c; pkt. 5c.

CHICAGO MARKET—Globe shape, densely netted; flesh thick, light green in color and of very rich, sweet flavor. It is nearly as early as Netted Gem, which it resembles in shape and appearance, but fully three times larger; very productive. Lb. \$1.50; $\frac{1}{4}$ lb. 40c; oz. 15c; pkt. 5c.

OSAGE MELON—Skin dark green slightly netted on the lobes on the upper side; flesh a rich salmon. The shape is oval, medium sized. Lb. \$1.50; $\frac{1}{4}$ lb. 40c; oz. 10c; pkt. 5c.

EARLY NUTMEG—Green fleshed, highly scented. Lb. \$1.00; $\frac{1}{4}$ lb. 30c; oz. 10c; pkt. 5c.

NETTED GEM—One of the best. Lb. \$1.20; $\frac{1}{4}$ lb. 35c; oz. 10c; pkt. 5c.

MELON PEACH

This particular new vegetable grows on a vine like a melon. They also make splendid mangoes. For sweet pickles, pies or preserving, they have no equal. They are very early, hardy and productive. Pkt. 10c; 3 for 25c.

**WATER MELONS**

Culture—Select rich, deep sandy loam, well worked and highly manured. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way. Scatter a dozen seeds to a hill, thin to 3 or 4 plants. When they have 4 or 5 rough leaves, pinch off the ends of the main shoots. One ounce to 30 hills. Four pounds per acre.

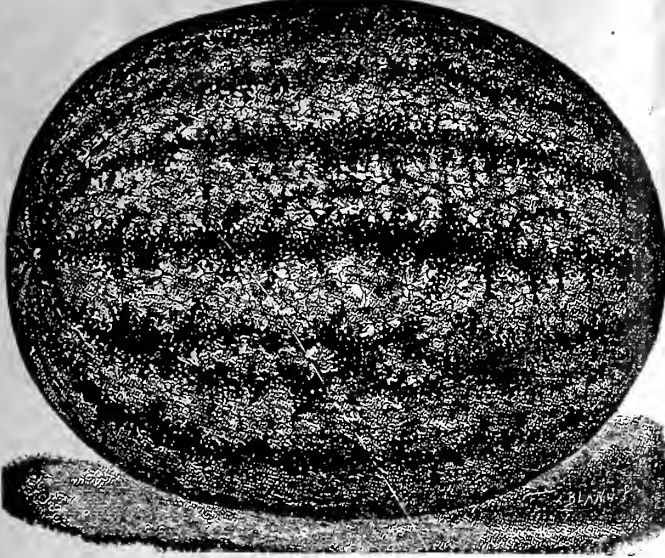
HALBERT HONEY WATERMELON—The vine is a strong, vigorous grower and sets fruits very freely. The flesh is a beautiful crimson, the seed is white and comparatively small. It is essentially a home melon for the nearby market, as the skin is too brittle to ship long distances. In quality it is simply delicious, sugary, and of a rich, fruity flavor peculiar to itself. Per pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

TRUE ICE CREAM—Few, if any, surpass a True Ice Cream for quality and productiveness. Medium early, fruit oblong, large size, rind mottled green, flesh bright scarlet, solid to the center, melting and delicious. Lb. 75c; $\frac{1}{4}$ lb. 25c; oz. 10c; pkt. 5c.

McIVOR'S WONDERFUL SUGAR MELON—One of the sweetest varieties. Oblong and attain a great weight. Lb. \$1.00; $\frac{1}{4}$ lb. 30c; oz. 10c; pkt. 5c.

COLE'S EARLY—This is the best melon for the home market today. For sweet and delicious texture of flesh it has no equal. The rind is thin but brittle, and therefore not suitable for shipping; for home market we know of none better. Extreme earliness is another important point in its favor. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

SWEET HEART WATER MELON—Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and dark green; rind thin but firm,



SWEET HEART

flesh bright red, firm, solid but very tender, melting and sweet. Remains in condition for use longer than any other sort; seeds gray. Lb. 85c; ¼ lb. 25c; oz. 10c; pkt. 5c.

KLECKLEY'S SWEET—Large, oblong melon, 20 inches in length by 10 to 12 inches in diameter, somewhat tapering at the ends. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. Seeds white, lying close to the rind, leaving a large solid heart which does not crack open when ripe. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

SEMINOLE EXTRA EARLY—Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

LONG WHITE ICING—Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

COLORADO CITRON—¼ lb. 25c; oz. 10c; pkt. 5c.

WINTER WATER MELON—This melon is early, earlier than Sweetheart and a very prolific bearer. The flesh is red, of extreme firmness, in fact almost hard as citron, very brittle and deliciously sweet. In color it is very light green, almost white. The firmness of the flesh causes it to be the longest keeper of the water melon family. Placed in a cool place, it will keep as long as a Hubbard Squash and still retain its delicious sweetness and flavor. Pkt. 10c; ¼ oz. 15c; oz. 25c; ¼ lb. 60c; lb. \$2.00.



MUSTARD

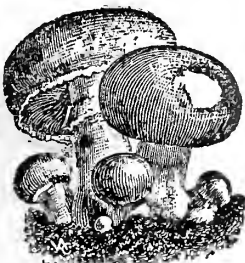
WHITE—Best for salad and general use. Lb. 40c; ¼ lb. 15c; oz. 10c; pkt. 5c.

NEW CHINESE MUSTARD—The large leaves, which often measure 14 inches, are ready for use in about 6 weeks from time of sowing, and the plant will continue to yield until frosty weather. Leaves are eaten boiled like spinach. Lb. 50c; ¼ lb. 20c; oz. 10c; pkt. 5c.

MUSHROOMS

These delicious fungi can be grown wherever there is a warm cellar or close shed, in which an even temperature can be maintained of from 50 to 60 degrees, and where a plentiful supply of fresh horse-stable manure for making the beds can be obtained. Pure culture mushroom spawn is now considered the best. This we can supply in bricks weighing about one and one-half pounds each, and a brick is sufficient to plant about 9 square feet. Price per brick, 35c; 5 bricks \$1.50 by mail, postpaid; by express, 10 bricks \$1.85; 25 bricks \$12.00.

Mushroom Culture by Robinson, postpaid, 50c. Mushrooms by W. Falconer, postpaid, \$1.00. Hints on Mushroom Culture by Dr. B. M. Dugger free.



MUSHROOMS

ONIONS

Culture—A crop of onions can be grown in any good soil, manuring for 2 years previously, if possible. Sow the seed in shallow drills, 1 foot apart, and thin to about 2 inches apart in the row. Cultivate frequently to keep down the weeds. Use 4 to 5 pounds of seeds to the acre.

YELLOW GLOBE DANVERS—This variety is now the standard medium yellow onion for our markets the country over. Lb. \$1.50; ¼ lb. 40c; oz. 15c; pkt. 5c.

PRIZETAKER, THE GENUINE—The handsomest, large yellow globe. An excellent keeper, of finest flavor, handsome shape and enormous size, many single onions having been raised to weigh 5 pounds and over from seed the first year. Lb. \$2.00; ¼ lb. 60c; oz. 15c; pkt. 5c.

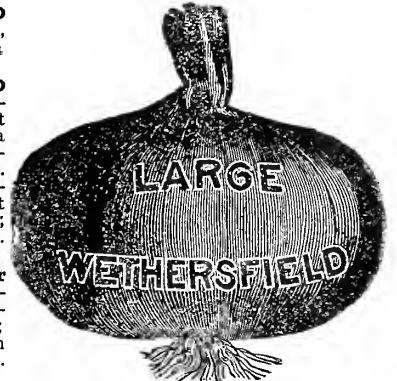
WHITE QUEEN—Small, early, white; used for pickling. Lb. \$2.00; ½ lb. 60c; oz. 20c; pkt. 5c.

SOUTHPORT WHITE GLOBE—Thick, globe-shaped, handsome, keeps well. Lb. \$2.50; ¼ lb. 70c; oz. 20c; pkt. 10c.

RED WETHERSFIELD—The standard sort, large flat. Lb. \$1.35; ¼ lb. 40c; oz. 10c; pkt. 5c.

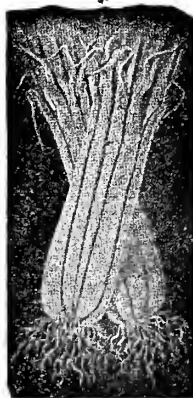
SOUTHPORT RED GLOBE—Matures nearly as early as the flat sorts and grows to a large size, and is particularly mild and tender. A good keeper and is considered one of the best of red onions. Lb. \$2.00; ¼ lb. 60c; oz. 20c; pkt. 10c.

WHITE PORTUGAL or SILVERSKIN—Very early, mild flavored, excellent for growing sets; produces fine onions from seeds. Lb. \$2.25; ¼ lb. 70c; oz. 20c; pkt. 10c.



WHITE ADRIATIC BARLETTA—The earliest onion grown. It is of a beautiful waxy color and grows 1¼ inches in diameter and ¾ of an inch thick, with finely formed bulbs slightly flattened at the top. Lb. \$2.00; ¼ lb. 60c; oz. 15c; pkt. 5c.

MAMMOTH SILVER KING—This mammoth variety is one of the largest in cultivation. The skin is of a beautiful silver white, flesh snowy and tender, of mild, sweet flavor. Lb. \$1.50; ¼ lb. 40c; oz. 15c; pkt. 10c.



WHITE WELCH ONION—For Green Onion—This does not form a bulb but puts out shoots, (see illustration). The plant is perennial and can remain in the ground for years with but slight protection. Sow either in the spring or fall. Pkt. 10c; ¼ oz. 15c; oz. 25c.

ONION SETS

Prices are based on the present market rates and are subject to change according to the market without notice. Lowest market prices, however, will be given on application at any time. At bushel, peck and half peck prices, the buyer pays the express or freight; at pint and quart prices, we pay the postage.

WHITE MULTIPLIER—Very early, of a pure silvery white color, enormously productive, frequently producing as many as

WHITE WELSH ONION

twenty bulbs in a single cluster from a bulb planted; of excellent quality and size for bunching green, or can be ripened for use as pickling onions. Qt. 35c; pt. 20c; pk. \$1.50.

YELLOW BOTTOM SETS—Qt. 30c; pt. 15c; pk. \$1.50.

EGYPTIAN OR PERENNIAL ONIONS—This variety never forms a large bulb; their value lies wholly in their special adaptability for producing green onions for spring or fall use, especially the former, soon attaining a marketable size. Perfectly hardy. Top set, qt. 30c; pt. 15c.



OKRA, or GUMBO



OKRA, or GUMBO

Okra is used largely in the southern states, stewed as a separate dish and also to give consistency to soups, stews, etc. It is becoming better known and popular in the north. By delaying planting until the ground has become warm and the trees are fully out in leaf, an ample supply of young tender pods can be produced easily in the family garden. The seeds should be sown thinly in a shallow drill, and when the young plants are well started they should be thinned out to stand one in a place, 1 foot apart in the row. The plants generally grow 3 to 4 feet in height and produce the edible pods at each leaf-joint on the stalk. The pods should be gathered while young and tender and before any of the woody fiber appears. Okra pods should be cut from the plants as soon as they are large enough for use, and if there is any surplus the pods can be dried for winter use, threading them on strings and hanging them up in a cool place to dry. One ounce will plant 100 feet of row.

WHITE VELVET—Lb. 60c; ¼ lb. 20c; oz. 10c; pkt. 5c.

PEPPER

Culture—Sow in hot bed in April, and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart, or when all danger of frost is past, sow in the open ground and thin. One ounce will produce about 1,500 plants.

MAGNUM DULCE—The introducer says: This pepper is the largest American variety; fruit grows 7 inches in length and 4 inches in diameter. The flesh is exceptionally mild.



sweet and pleasant. Price per pkt. 10c; 2 pkts. 15c; ½ oz. 25c; oz. 45c.

LARGE BELL, or BULL NOSE—A standard sort, large and early, rind very thick, color glossy red, flavor mild and pleasant. ¼ lb. 75c; oz. 25c; pkt. 5c.

SWEET MOUNTAIN, or MAMMOTH—Similar to the Bull Nose, but larger and milder in flavor. ¼ lb. 75c; oz. 25c; pkt. 5c.

RUBY KING—Grows 4 to 6 inches long, by 3½ to 4 inches thick. A beautiful bright ruby red color. ¼ lb. 75c; oz. 25c; pkt. 5c.

CAYENNE LONG RED—Pungent. ¼ lb. 75c; oz. 25c; pkt. 5c.

CELESTIAL—Creamy white, changing to scarlet. Oz. 25c; ½ oz. 15c; pkt. 5c.

RED CHILI—Small, bright red peppers. Oz. 30c; pkt. 5c.

PARSLEY

Culture—Soak seeds in water 24 hours before planting. Sow early, in rows 1 foot apart, cover half an inch deep; thin to 3 or 4 inches apart, or transplant and cut back frequently. 1 ounce to 100 feet of drill. 5 pounds per acre.



DOUBLE CURLED—Finely curled, dwarf, good garnishing sort. Lb. \$1.00; ¼ lb. 35c; oz. 10c; pkt. 5c.

CHAMPION MOSS CURLED—A prize winning English variety. Lb. \$1.00; ¼ lb. 35c; oz. 10c; pkt. 5c.

HAMBURG ROOTED—Also called German Parsley. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

PARSNIPS

Culture—Sow early in spring, in drills 15 inches apart and ¼ an inch deep, in a rich soil; thin out to 6 inches apart in the rows. One ounce will sow 200 feet of drill.



cured for hay just before frost. Plants also set a large crop of small nuts,

HOLLOW CROWN, or LONG SMOOTH—(Abbott's Improved.) Smooth and very large; very tender and sugary; one of the best for general cultivation. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

IMPROVED GUERNSEY—The roots do not grow so long as those of the Hollow Crown, but are of greater diameter. Very smooth and fine grained and of excellent quality. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

PEANUTS

SPANISH—This is an excellent forage plant for light land in dry, hot seasons. Tops are cut and



SPANISH PEANUT

which make an excellent fattening food for hogs, and the hogs may be pastured on the lands after the hay has been gathered. The nuts mature much earlier than the larger southern varieties, and crops have been grown as far north as Michigan. For domestic use these can be grown in rows in the garden like bush beans. One pk. will plant an acre. Pkt. 10c; lb. 45c, postpaid.

MAMMOTH VIRGINIA—This peanut is the most profitable variety to grow, and is more desirable than the common spreading kind, because more easily cultivated; very erect stems and upright foliage, and the longest pods and kernels of any variety; also yields fewer imperfect pods. The vines make valuable forage for stock. Lb. 45c; pkt. 10c, postpaid.



MAMMOTH VIRGINIA

PEAS

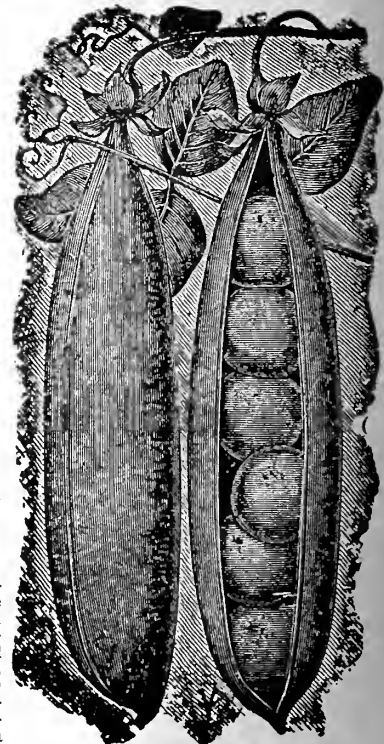
Culture—For market, sow in single rows 1 inch apart and 2 to 3 inches deep, rows from 2 to 4 feet apart. In garden, sow in double rows 6 to 8 inches apart. Begin sowing extra-early varieties as soon as the ground can be worked in March; for a succession, every 2 weeks until June. One quart to 100 feet of drill. One and one-half to 2 bushels per acre.

NOTT'S EXCELSIOR

—The earliest, most productive and best dwarf sweet wrinkled pea in cultivation. Height 14 inches. As hardy as the earliest market sorts. Pk. \$2.50; qt. 60c; pkt. 10c.

30 in. **ALASKA**—Very early and productive. Peas blue. Pk. \$2.00; qt. 55c; pt. 30c; pkt. 10c.

9 in. **BLISS' AMERICAN WONDER**—The earliest of the wrinkled peas; very dwarf and remarkably productive, and having very large pods, containing from 6 to 9 large peas; flavor unsurpassed. We heartily recommend this pea as a first early sort. Pk. \$2.00; qt. 65c; pkt. 10c.



NOTT'S EXCELSIOR

10 in. **EXTRA EARLY PREMIUM GEM**—An improvement on the Little Gem; very dwarf and prolific; pods large. Pk. \$2.00; qt. 60c; pkt. 10c.

30 in. **MAUD S.**—(Said to be the earliest pea in the world). Prolific and of as good quality as any of this class of extra earlies. Pk. \$1.75; qt. 55c; pt. 30c; pkt. 10c.

Second Early Sorts

30 in. **McLEAN'S ADVANCER**—Peas large, very sweet and tender. Best sort for home and market garden use. Pk. \$2.00; qt. 55c; pt. 30c; pkt. 10c.

HORSFORD'S MARKET GARDEN—One of the best second early peas. It is extremely prolific and bears its pods always in pairs. Try a few. Pk. \$2.00; qt. 60c; pt. 30c; pkt. 10c.

For General Crop and Late Use

48 in. **TELEPHONE**—A sweet wrinkled pea with very large, handsome, well-filled pods, and very fine table quality. Pk. \$2.00; qt. 60c; pt. 35c; pkt. 10c.

DWARF TELEPHONE, or "DAISY PEA"—Vines grow about 15 to 18 inches high, very productive, and of superior quality. Pkt. 10c; qt. 60c; pk. \$2.50.

24 in. **STRATAGEM**—An English blue-wrinkled marrow. Vines of so strong growth as to need no support, and remarkably free bearing; peas very large and fine flavored. Pk. \$2.50; qt. 65c; pt. 35c; pkt. 10c.

60 in. **CHAMPION OF ENGLAND**—The standard late variety for either market gardeners or private use. Pk. \$2.00; qt. 55c; pt. 30c; pkt. 10c.

CANADA FIELD PEAS—Write for market price.

48 in. **LARGE WHITE MARROWFAT**—Pk. \$1.50; qt. 50c; pkt. 10c.

28 in. **DWARF GRAY SUGAR**—Edible podded when young. Pkt. 10c; qt. 60c.



SUGAR PIE PUMPKIN

MAMMOTH PRIZE—Has been grown to weigh 226 pounds. Flesh bright orange, fine grained, unequalled for exhibition purposes. Lb. \$1.80; ¼ lb. 60c; oz. 20c; pkt. 10c.

LARGE CHEESE, or KENTUCKY FIELD—Cheese-shaped; yellow fleshed. Lb. 60c; ¼ lb. 20c; oz. 10c; pkt. 5c.

NEW PIE PUMPKIN "CALHOUN"—It is medium in size, extraordinary heavy and solid, very thick and fine grained; is a salmon yellow and of superior quality. It is undoubtedly one of the best for pies. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

RADISH

Culture—Radishes delight in light, rich, mellow soil. For very early use, sow in a gentle hot bed in January, and continue sowing every 2 weeks in drills 10 inches apart, thinning to 2 inches apart. One ounce will sow 100 feet of drill. Eight to 10 pounds per acre.

KRAMER'S EARLY SCARLET GLOBE, White Tip—The best and quickest of the White Tips. An extremely quick-growing sort; bright scarlet, with a white tip; short tops and thin tails of excellent quality. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

SCARLET TURNIP, White Tipped—A very attractive variety. The most popular radish grown. Lb. 70c; ¼ lb. 20c; oz. 10c; pkt. 5c.



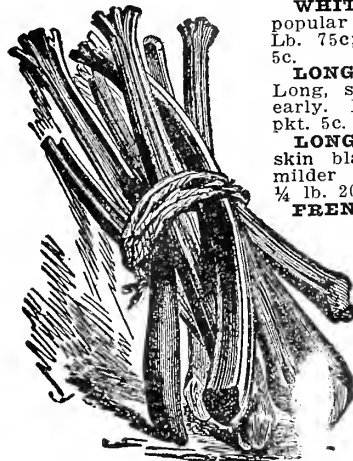
SCARLET TURNIP, White Tipped



NEW RADISH RADISH

SCARLET CHINA WINTER—A good winter sort, flesh white and quite pungent. Lb. 70c; ¼ lb. 20c; oz. 10c; pkt. 5c.

LONG WHITE STRASBURG or HOSPITAL RADISH—A white variety, large and showy, half long in shape, 6 to 8 inches in length and about 2 inches in diameter of the finest quality. Lb. 70c; ¼ lb. 20c; oz. 10c; pkt. 5c.



RHUBARB

RHUBARB ROOTS—15c each; \$1.50 per doz.; by express or freight only.

SALSIFY

Culture—It succeeds best in light, well-enriched soil. Sow early and quite deep, about 1 inch. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring. One ounce for 75 feet of drill. Ten pounds per acre.

MAMMOTH SANDWICH ISLAND—This variety is of enormous size, twice as large as the ordinary pure white, very tender and delicious. Lb. \$2; ¼ lb. 60c; oz. 20c; pkt. 5c.

SPINACH

Culture—Sow in early spring in drills a foot apart, every 2 weeks for a succession, and thin out for use. For fall use, sow in August, for winter in September. Cover with straw or leaves in winter. 1 ounce will sow 100 feet of drill. 12 pounds per acre in drills.



SALSIFY—Mammoth Long Sandwich Island

NEW "ICICLE" RADISH—This radish derives its name from the transparent whiteness of the root. In form it is long and slightly stumpy rooted. The leaves are short and its flavor the very best. The roots grow about 4 inches long and are ready for use within 22 days from the time of sowing. It is a desirable variety for the home garden and market gardeners will find it a money maker. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 75c.

CRIMSON GIANT GLOBE—A clear bright crimson; flesh crisp, mild, and of snowy whiteness. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

EARLY SCARLET GLOBE—Very early; flavor mild; crisp, juicy and tender; top small; will stand heat without becoming pithy. Lb. 85c; ¼ lb. 25c; oz. 10c; pkt. 5c.

IMPROVED CHARTER RADISH—Color, scarlet at top, shading to pink in center and white at the tip. Decidedly one of the best radishes that is grown. Lb. 70c; ¼ lb. 20c; oz. 10c; pkt. 5c.

WHITE BOX—This is the most popular white radish in cultivation. Lb. 75c; ¼ lb. 30c; oz. 10c; pkt. 5c.

LONG SCARLET SHORT TOP—Long, straight, smooth, and extra early. Lb. 70c; ¼ lb. 20c; oz. 10c; pkt. 5c.

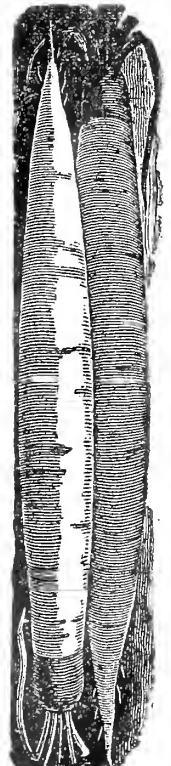
LONG BLACK SPANISH—Large, skin black, flesh firm and white; milder than the round. Lb. 70c; ¼ lb. 20c; oz. 10c; pkt. 5c.

FRENCH BREAKFAST—For early forcing; oval shape; color, scarlet, tipped white; very crisp & tender. Lb. 70c; ¼ lb. 20c; oz. 10c; pkt. 5c.

RHUBARB

VICTORIA—Large and tender. ¼ lb. 50c; oz. 25c; pkt. 5c.

LINAEUS—A well known market variety; early. ¼ lb. 50c;



EXTRA LARGE ROUND LEAVED—Our stock of this is very fine. Lb. 40c; $\frac{1}{4}$ lb. 15c; oz. 5c.

LONG STANDING—New, slow going to seed. Lb. 40c; $\frac{1}{4}$ lb. 15c; oz. 5c.

BLOOMSDALE or SAVOY LEAVED—A well known sort. Lb. 40c; $\frac{1}{4}$ lb. 15c; oz. 5c.

SWISS CHARD BEET, or SUMMER SPINACH—A distinct vegetable and much superior to the common beet for greens and equal to spinach. Sown early in the spring, in rows 16 inches apart, and the seedlings afterwards thinned out to 6 inches in the rows, it makes rapid growth of leaves, and is fit for use for greens sooner than any other variety. For summer use we consider it much superior to spinach, because it can be cut throughout the entire summer and fall, when no spinach is to be had. It is of almost the same flavor and it is much easier to wash



SWISS CHARD

and prepare for the table, a fact which every housewife knows how to appreciate. Later the leaves grow very large, with broad, flat, beautifully white, wax-like stems and mid-ribs, which may be cooked like Asparagus, or made into most attractive pickles. Lb. \$1.00; $\frac{1}{4}$ lb. 30c; oz. 10c; pkt. 5c.

SQUASH

GIANT WHITE SUMMER CROOKNECK SQUASH—Beautiful ivory white color. The most tender and best flavored of Summer Squashes. Lb. 75c; $\frac{1}{4}$ lb. 25c; oz. 10c; pkt. 5c.

NEW RED or GOLDEN HUBBARD SQUASH—A perfect type of the Green Hubbard, except in color, which is a bright deep orange yellow. Lb. \$1.25; $\frac{1}{4}$ lb. 35c; oz. 10c; pkt. 5c.

MAMMOTH WHITE BUSH—Light cream colored, scalloped; very early and productive; grows to good size. Lb. 75c; $\frac{1}{4}$ lb. 25c; oz. 10c; pkt. 5c.

"THE DELICIOUS"—This new winter Squash is of a superlatively fine quality. In size it closely follows the original Hubbard, which weighed between 5 and 10 pounds. In thickness of flesh it surpasses nearly every variety, the color being a dark orange. For table use no squash compares with it in its remarkable combination of fineness and compactness of grain, and its sweetness and exceeding richness of flavor.



MAMMOTH GOLDEN BUSH

BOSTON MARROW—A standard sort of fine quality, rich orange color and splendid keeping qualities. Lb. 80c; $\frac{1}{4}$ lb. 25c; oz. 10c; pkt. 5c.

MAMMOTH CHILI—The largest of all squashes, often attaining a weight of 200 pounds without losing its fine shape and good quality. The flesh is very thick, of a bright orange color, and keeps well throughout the winter. It is very productive, and will be found very profitable for stock feeding. $\frac{1}{4}$ lb. 75c; oz. 25c; pkt. 5c.

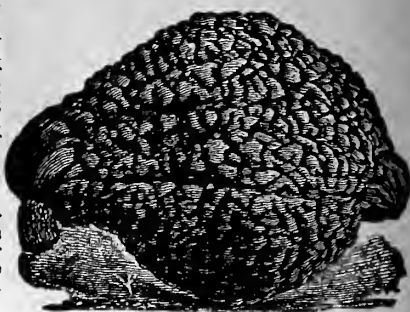
VEGETABLE MARROW—This is one of the most important vegetables in the English markets, but little known in this country. The fruit is generally eaten when it is less than half grown, as the flesh is very tender and marrowy. It should always be used in a young state. Pkt. 10c; oz. 15c.

GOLDEN BUSH—(Gardener's select stock). Early, pale yellow, very handsome and uniform. Our strain of this is the best of the very early squashes. Lb. 75c; $\frac{1}{4}$ lb. 25c; oz. 10c; pkt. 5c.

SUMMER CROOKNECK—Early and prolific; quality, good; skin yellow and warty; fine for summer. Lb. 75c; $\frac{1}{4}$ lb. 25c; oz. 10c; pkt. 5c.

CHICAGO WARTED HUBBARD SQUASH—We consider this the ideal Hubbard for home or market. Very large; color, blackish green; very warty; rich in quality; a good keeper and thick fleshed. Lb. \$1.25; $\frac{1}{4}$ lb. 40c; oz. 10c; pkt. 5c.

HUBBARD—Our seed is from squashes grown especially for seed; therefore we claim the best strain in the market. Lb. \$1.25; $\frac{1}{4}$ lb. 40c; oz. 10c; pkt. 5c.



CHICAGO WARTED HUBBARD

TOMATOES

Culture—Tomatoes do best on light, warm, not over-rich soil. Sow in hot beds from 6 to 8 weeks before they can be set outdoors; when the plants have four leaves transplant into shallow boxes or coldframes setting them 4 to 5 inches apart. Set out-of-doors as soon as danger from frost is over. The fruit will be better in quality if the vines are tied to trellis or stakes. One oz. for 1,500 plants; $\frac{1}{4}$ lb. for an acre.

JUNE PINK—Similar in habit and shape to the famous Earliana, differs only in color which is pink instead of red. A most desirable sort where pink tomatoes are in favor. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.

SPARK'S EARLIANA—By far the best and earliest large smooth red tomato. The fruit is borne in clusters near the base of the plant and the bulk of the crop ripens very early. Price per pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

CHALK'S EARLY JEWEL—The most valuable extreme-early and "all-purpose" bright-red tomato. Matures only a week to 10 days after Sparks' Earliana, and in some soils equally as early, while the fruits are larger, heavier, handsomer and produced even more abundantly and continuously. $\frac{1}{4}$ lb. \$1.00; oz. 35c; pkt. 10c.

LIVINGSTON'S NEW GLOBE TOMATO—Beautiful globe shape. Among the very first to ripen, although of large size; very smooth, firm fleshed, few seeds, ripens evenly, color a beautiful glossy rose-tinged purple. Flavor very delicate and agreeable; splendid slicing variety. Per pkt. 10c; oz. 35c.

ACME—Large, round, smooth, light purple tint; early and a great bearer; one of the best. $\frac{1}{4}$ lb. 75c; oz. 25c; pkt. 5c.

LIVINGSTON'S BEAUTY—The Tomatoes are borne in clusters of 4 or 5 and are round, smooth, of a glossy crimson color, tinged with purple. It is very solid and free from cracks and rot; will ripen up nicely if picked green, and on account of its solidity and toughness of skin, cannot be excelled for shipping. $\frac{1}{4}$ lb. 75c; oz. 25c; pkt. 5c.

"PONDEROSA" IMPROVED—As is well known, the Ponderosa often showed green spots in ripening, but has been improved right along. We have fancy selections which will please the most critical buyers. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 40c.

THE NEW STONE—(Livingston's). Very large and of bright scarlet color; exceedingly solid and firm fleshed; quality the best good keeper; not subject to rot. $\frac{1}{4}$ lb. 75c; oz. 25c; pkt. 5c.

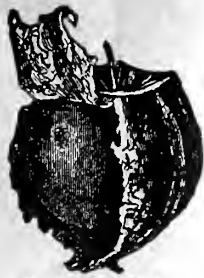
NEW DWARF CHAMPION—Vines dwarf and compact in habit, grow stiff and upright, with thick and short jointed stems. It is remarkably early, ripening as early as July 1st. Color purple; smooth and very productive. $\frac{1}{4}$ lb. 75c; oz. 25c; pkt. 5c.

YELLOW PEAR AND YELLOW PLUM—For preserves. Each, oz. 30c; pkt. 5c.

GOLDEN QUEEN—Large fine yellow. $\frac{1}{4}$ lb. 75c; oz. 25c; pkt. 5c.



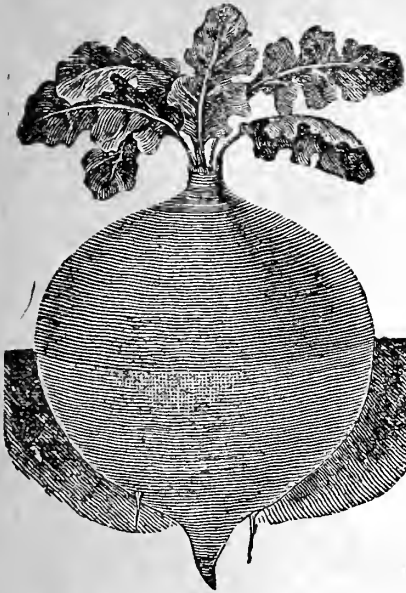
GROUND CHERRY, STRAWBERRY or HUSK TOMATO—This distinct husk enveloped tomato is unequalled for canning, preserving, pies, etc. Dried in sugar as raisins or figs or to use in fruit cake they are unexcelled. They have a strawberry flavor and produce fruit in great abundance. In sections devoid of fruit or liable to fall they are esteemed very highly; aside from being a great curiosity and very attractive, they sell first rate in market, and are rapidly becoming a great favorite. Fruit of a handsome golden color, the size of large cherries. Much esteemed by many to eat from the hand. Pkt. 10c; 3 pkts. 25c.



GROUND CHERRY

SWEDES, or RUTABAGAS

Culture—Same as for turnips, should be sown in May or early June in drills 2 feet apart.



CARTER'S IMPERIAL SWEDE—Yellow fleshed, purple topped variety. Lb. 60c; ¼ lb. 20c; oz. 10c; pkt. 5c.

AMERICAN RUTABAGA—Good for table use or stock. Yellow fleshed; called "the best of Rutabagas." Lb. 50c; ¼ lb. 20c; oz. 10c; pkt. 5c.

TABLE TURNIPS

Culture—Sow ½ to ¾ an inch deep in rows about 15 inches apart or sow broadcast. Weed and thin out, so the young plants will not be checked and injured. For spring and summer crops sow very early in the spring. For fall and main crop sow from middle of July to last of August. One ounce for 100 feet of drill. Two pounds per acre broadcast.

EARLY RED TOP or PURPLE TOP—Strap leaf. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

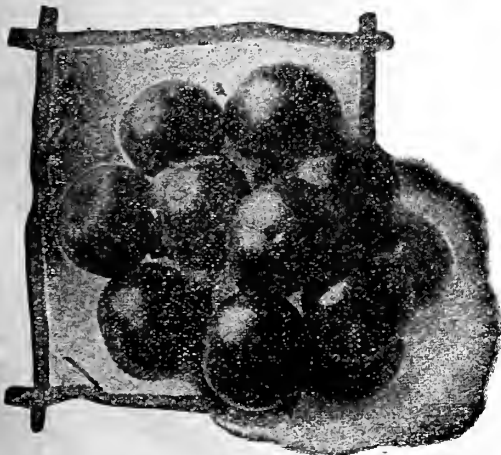
WHITE EGG—Large, early, solid, good flavor. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

WHITE FLAT DUTCH—A well known early sort. Lb. \$1.90; ¼ lb. 30c; oz. 10c; pkt. 5c.

PURPLE TOP GLOBE—An improved variety of Red Top Flat Strap. Keeps well and is desirable for stock or table. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

TWO NEW FRUITS BURBANK'S WONDERBERRY and the GARDEN HUCKLEBERRY

Both of which are pronounced by thousands to be unexcelled for making pies, jams and preserves or for canning



GARDEN HUCKLEBERRY

WONDERBERRY—This is Burbank's latest production in new fruits, a luscious berry that may be grown and ripened from seed in any soil in 3 months. Fruit more like a great rich luscious blueberry than anything else. In size somewhat larger. Blue-black in color, fine in flavor and unsurpassed for eating raw, cooked, canned or preserved in any form. Quality is best when fully ripe. Like the grape, it should have time to ripen well after turning black. Berries will last 2 months on the plant after ripening, growing better all the time; will keep a month after being picked. It is exceedingly productive and continues to bloom, set and ripen berries in large quantities until late in the fall. Cultivate same as tomatoes. Directions for using on each package. Price, pkt. 15c.

GARDEN HUCKLEBERRY (Solanum Nigrum)—This new fruit can be grown from seed the first year and produces berries about as large as an average size gooseberry, being about 4 times the size of the Wonderberry. The color is jet black, and when cooked is as palatable, and can scarcely be discerned in taste from the real huckleberry. Plant seed in a box or pan in early spring, and when danger of frost is over plant out 2x4 feet. Cultivate same as tomatoes. Unlike the Wonderberry, this cannot be eaten raw, but the berries make better pies, jelly and sauce than the wild huckleberry. Can them for winter use or take up the vines just before frost, store away where they will not freeze, and delicious fresh fruit can be picked all winter, as they will keep nice for months. A most promising new fruit for dry, hot climates where ordinary small fruits do not do well. Directions for using on each package. Pkt. 15c.

Don't fail to try these wonderful new fruits. One packet each for 25c. Plants of either variety ready in May. 25c. per doz., \$1.00 per 100.

STRAWBERRIES FROM SEED—See page 42

VEGETABLE PLANTS

If to go by mail, 5c per dozen must be added for postage, unless otherwise noted.

This list is subject to change owing to damage from bad weather, insects, etc.

All vegetable plants shipped by freight, express or mail at purchaser's expense.

Do not forget to add postage if to go by mail. Plants will be ready as soon as the season is suitable for transplanting in the open ground.

EARLY CABBAGE PLANTS—Ready April 15. Early Jersey Wakefield, Henderson's Summer. 10c doz.; 60c per 100; \$4.00 per 1000.

EARLY CAULIFLOWER—April 15 to June 20. Danish Snowball. 15c doz.; \$1.00 per 100.

LATE CABBAGE—Ready June 10. Premium Flat Dutch, Surehead, Holland. 10c doz.; 25c per 100; \$2.00 per 1000.

PEPPER—Large Belle, Ruby King, Cayenne. 20c doz.; \$1.00 per 100.

GROUND CHERRY—Ready May 15. 20c doz.; \$1.00 per 100.

EGG PLANT—Ready May 10. New York Improved. 20c doz.; \$1.00 per 100.

TOMATO—Ready May 10. Acme Beauty, Dwarf Champion, Earliana, Ponderosa and Mikado. 10c doz.; 75c per 100. Transplanted plants, 20c doz.; \$1.00 per 100.

CELERY—Ready about June 1. Golden Dwarf, Giant Pascal, White Plume. 10c doz.; 50c per 100; \$4.00 per 1000. After July 10, 40c per 100.

SWEET POTATO PLANTS—Ready May 15. Yellow Jersey and Red Jersey, 40c per 100; \$3.50 per 1000.

ASPARAGUS ROOTS—Conover's Colossal, Palmetto and Columbian White—(By express or freight only). 25c doz.; \$1.00 per 100.

SAGE—Holt's Mammoth. 15c each; 3 for 35c.

RHUBARB ROOTS—Victoria and Linneaus—Each 15c; \$1.50 doz., by express or freight only.

GARDEN HUCKLEBERRY—25c doz.; \$1.00 per 100.

WONDERBERRY—25c doz.; \$1.00 per 100.

FLOWER SEEDS

Directions for Sowing, Etc.

To insure success, the conditions and requirements of the several species as to soil moisture, heat, light, etc., should be studied and then observed in culture. Below we give a few general directions for their culture.

The soil best adapted to most flowers is light, rich loam, containing enough sand to make it porous. If there is some clay with it, the color will be brighter. Make the surface as smooth and fine as possible, sow seed in rows, covering each sort of seed in proportion to its size (a good general rule being to cover twice the diameter of the seed) and press the soil down firmly over it. Do not plant seed when the ground is wet. Many varieties, such as Pansy, Verbena, Daisy, Hollyhock, and the fine greenhouse plant seeds, should be sown early in shallow boxes in the house, in soil consisting of equal parts of fine sand and rich mellow loam, well mixed together and sifted, to remove all gravel and lumps. Sow as before directed. Covering the box with glass, helps retain the moisture and keeps the temperature even. Be careful not to keep them too wet, and as soon as they are large enough to handle, transplant in boxes from 1 to 2 inches apart, where they are to remain until time to transplant to permanent beds. We will always be glad to answer any question from our customers, relative to the cultivation of any kind of plants.

Explanations of Abbreviations

A. Annual. **B.** Biennial. **E.** Blooming in spring and early summer. **f. pl.** Double Flowers. **G.** Greenhouse or Pot plants. **H.** Hardy. **Hh.** Half Hardy. **I.** Blooming in mid-summer. **L.** Blooming in late summer and autumn. **M.** Seed should be sown in hot-beds or boxes, in March or April and transplanted in open ground in May or June, when there is no danger from frost. Varieties not marked **M.** should be sown in the open ground. **O.** Ornamental Leaved Plants. **P.** Perennial. **T.** Tender.



Abronia

ABRUS PRECATORIUS, or WEATHER PLANT

The wonderful Weather Plant (Abrus) of the West India Islands is now successfully cultivated in gardens. It has a very beautiful foliage and blossoms, and it is claimed that the state of weather may be told for some time in advance by the position the leaves assume. Seeds bright scarlet. Very beautiful and very hard. Soak them well in warm water before sowing. Pkt. 5c.

ABUTILON (Chinese Bell Flower)

A handsome greenhouse plant. Finest mixed. **M.** Pkt. 10c.

ACACIA

Elegant greenhouse shrubs, having fine ornamental foliage, and beautiful racemes of various shades of yellow globular flowers. Soak the seed in warm water before sowing. **M. P.** 6 to 10 feet. Mixed. Pkt. 5c.

ACONITUM (Monk's Hood or Wolf's Bane)

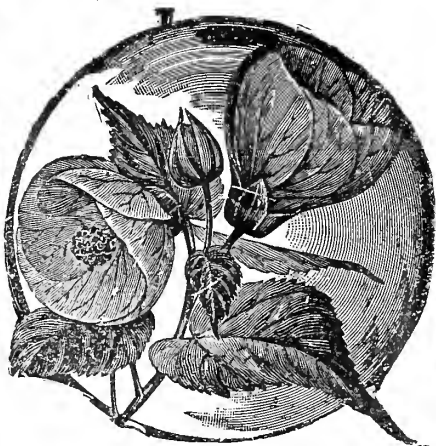
Will grow in any good garden soil, producing curiously shaped flowers in abundance. **H. P. L. I.** Pkt. 5c.

ACROCLINUM (See Everlasting)

ADLUMIA (Mountain Fringe) (See Climbers)

ABRONIA

Charming trailer, with Verbena-like heads of sweet scented flowers, blooming the whole season. Effective in beds, border, rock work and hanging baskets. **H. A.** Pkt. 5c.



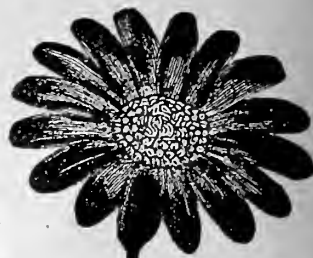
Abutilon

ADONIS

Of easy culture, blood red or deep scarlet flowers and handsome foliage. Set the plants 1 foot apart. **H. A. I.** to **L.** 1 foot. Pkt. 5c.

AGATHA BLUE DAISY

CELESTIS—The flowers are the very counterpart of the Paris Daisy, but sky-blue, with a yellow disc; of easy growth and produces flowers all the year. Also a fine winter bloomer. Pkt. 100 seeds, 5c.



Blue Daisy

AGERATUM

Valuable plants for large beds or borders, and very useful where cut flowers are in demand; it blooms the whole summer; also good for winter blooming in pots, succeeding in any soil. Indispensable for bouquets. **Hh. A.** Mixed. Pkt. 5c.



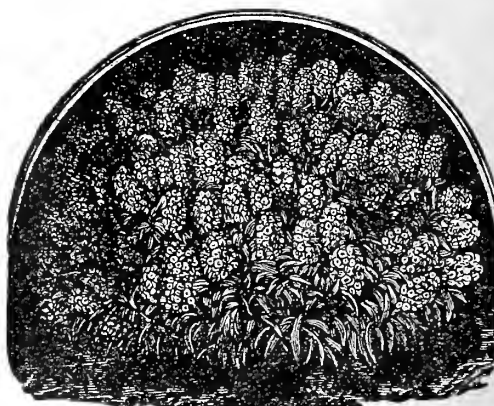
Dwarf Blue Ageratum.

AGROSTEMMA

Very pretty, free bloomer adapted for making showy beds, clumps and edging, and fine for cutting. Can easily be transplanted, and should be set 5 or 6 inches apart. **I.** to **L. H. A.**

12 inches. Pkt. 5c.

ALYSSUM



LITTLE GEM.
Alyssum

producing flowers until frost; much used for bouquets on account of fragrance. **H. A.** White—Pkt. 5c.

LITTLE GEM—Of very compact growth, only 3 or 4 inches high, but a single plant will cover a space up to 3 feet in circumference. It grows quick from seed and the abundance of flowers is simply enormous. Pkt. 5c.

ALYSSUM (Sweet)—A free flowering useful plant, very attractive, producing flowers until frost; much used for bouquets on account of fragrance. **H. A.** White—Pkt. 5c.

AMARANTHUS

Grown exclusively for their foliage. The glowing effect produced by their mass of rich foliage, is scarcely equalled by any similar class of plants. **T. A.** 2 to 4 feet. Fine mixed. Pkt. 5c.

AMMOBIUM ALATUM

(See Climbers)

ANAGALLIS

Dwarf, compact plants adapted for basket, rock-work, edgings and small beds; succeeds best in light, rich soil in a sunny situation; covered with various shades of flowers all summer. **Hh. A. M.**

Grandiflora—Mixed, pkt. 5c.



Amaranthus

ANTIRRHINUM (Snapdragon)

Beautiful spikes of gay-colored flowers, producing abundantly the first summer until after frost, and also flowers well the second season. Mixed, pkt. 5c.

NEW GIANT FLOWER SNAP DRAGON

Antirrhinum Majus Grandiflora—The flowers of this strain are much larger than those of the old type and the plants grow taller, making them excellent for cut-flower purposes, vases, etc. The colors of the flowers are magnificent, both delicate and rich, and considering the ease of culture and the long blooming period of the Snapdragons, we think they should be in every garden. Pkt. 10c.

AQUILEGIA (Columbine)

A very showy class with curiously shaped blossoms in great variety of colors. **Double**—In finest mixture, pkt. 5c. **Single**—All colors mixed, pkt. 5c.

ASPARAGUS

FLUMOSUS (Asparagus Fern). One of the prettiest house plants. The leaves are bright green, gracefully arched, surpassing Maidenhair Fern in grace, delicacy of texture and richness of color. It is admirably adapted for house culture. Pkt. 5 seeds, 10c; 25 seeds, 35c.

**AQUILEGIA.**

for house culture. Pkt. 5 seeds, 10c; 25 seeds, 35c.

SPRENGERI—Also called Emerald Feather and Abyssinian Parlor Fern—New—Perhaps the best new plant introduced in 10 years. Highly praised everywhere; handsomest seen drooping from a pot or basket. Sprays from 4 to 6 feet long, of fresh, green, feathery foliage; useful for bouquets, wreaths or sprays, remaining perfect for weeks after cutting; grows freely the whole year round. Extremely valuable for all purposes. Flowers white, followed by red berries. A plant that will please you. Pkt. 15 seeds, 10c.

ASPERULA

Of dwarf habit, growing about 10 inches high, bearing numerous clusters of small sweet-scented flowers. I. to L. H. A.

AZUREA SETOSA—Light blue. Pkt. 5c.

ODORATA—Flowers white; foliage very sweet-scented. H. P. I. L. Pkt. 5c.

*Asperula Odorata.***ASTERS**

VIOLET KING—The habit is similar to the branching Asters, vigorous in growth with long stiff stems. In form the flower is entirely new and distinct from any other variety; petals somewhat resembling the quilled varieties, but are much larger and broader, those in the center being fantastically twisted, curled and incurved, completely covering the crown. The bloom is round, full and very large, many of the flowers measuring from 4 to 5 inches. Its color is a soft violet-lilac. Pkt. 10c.

LAVENDER GEM—The color of this new variety is the most beautiful ever seen in the Aster. When first opened the flower is an exquisite shade of delicate lavender, deepening with age. The feathery effect of the Ostrich-feathered type, to which it belongs, is enhanced by the fact that it bears a large proportion of long, partly tubular florets, that are irregularly cut and slashed, so that the flower looks like a ragged Chrysanthemum. Pkt. 10c.

ROYAL PURPLE—A new strain of branching Aster, growing about 15 inches high. Its habit of growth is entirely distinct, the stems growing directly from the ground, and not on side shoots from the main stem like other varieties. The flowers are large and full to the center; petals flat and somewhat incurved; color bright purple. Pkt. 10c.

HOENZOLLERN—The finest type of the Giant Comet, or Ostrich Feather type of Asters. Much larger than the Giant Comet, the petals longer and more curled and twisted, and produced in greater abundance. Borne on long stems, which makes them cut flowers par excellence. Mixed. Pkt. 10c.

CARDINAL—The coloring of this novelty is entirely distinct from any other Aster; in fact it presents a striking color of its own. It is particularly adapted for bedding, owing to its free blooming qualities and brilliant coloring. When massed in a bed itself, its deep vivid cardinal color is as striking as the scarlet Salvia. Cardinal begins blooming the first to the middle of August, retaining its brilliant coloring and full, well-developed flowers until late in the fall. Is excellent for cutting. Pkt. 15c.

VICK'S MIKADO PINK—Originator's Description. This magnificent new Aster belongs to the Comet class. Petals are narrow, very long and gracefully reflexed. The outer petals show to their full extent while gradually toward the center they bend and curl across each other in such a magnificent disorder as to make the fluffiest Aster we have seen. In color it is the most exquisite shade of shell pink imaginable. Pkt. 15c.

**New Comet Aster**

GIANT COMET ASTERS—We consider these one of the handsomest of the tall-growing sorts. These flowers, with their long twisted petals, strikingly resemble Japanese Chrysanthemums, and are of very large size. Mixed colors, pkt. 10c.

NEW BRANCHING—One of the best floral novelties and one which every flower lover should try. The flowers are borne on very long stems and are of extraordinary size, being 4 inches or more in diameter. Mixed colors, pkt. 10c.

NEW BRANCHING—In white, pink, lavender and purple, each separate. Pkt. 10c.

TALL ASTERS—In great variety and many different classes. Mixed, pkt. 5c.

DWARF ASTERS—In great variety and many different classes. Mixed, 5c.

BACHELOR'S BUTTON (See Centaurea Cyanus)**BALSAM (Lady's Slipper, or Touch-Me-Not)**

These are favorites with every one, owing to their handsome double flowers; they must be transplanted into rich soil, 15 inches apart, in a sunny position and frequently watered. Cutting out some of the side branches is also advisable, especially with the strong and bushy growing varieties. Hh. A. M. I.

DOUBLE CAMELIA FLOWERED—Fine. Mixed, pkt. 10c.

BASLAM APPLE (Momordica)

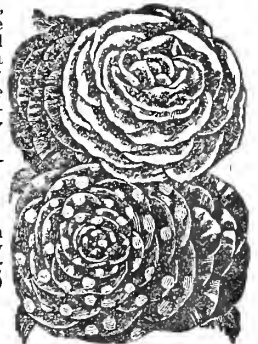
A very curious trailing plant, with ornamental foliage and golden yellow fruit, which opens when ripe, showing the seed and its carmine interior. 10 feet. Hh. A. I. L. Pkt. 5c.

BALLOON VINE

(See Climbers)

BEGONIA VERNON

As a Begonia for outdoor bedding this has no equal. The plants are simply smothered with flowers and bloom equally in the shade as in the brightest sun. In the full sunshine the leaves take on a beautiful bronze hue, while in the shade they retain their dark, rich green color. It is one of the handsomest free-blooming plants we know, and it is equally valuable as a pot plant. They grow very readily from the seed and bloom when the plants are quite small. Pkt. 10c; 3 for 25c.

**BALSAM.**

BARTONIA

AUREA—A pretty free-flowering plant with downy, thistle-like foliage. Flowers a beautiful golden yellow. Height 2½ feet. H. A. I. Pkt. 5c.

TUBEROUS ROOTED BEGONIA

As bedding plants there is nothing to equal the New Tuberous Rooted Begonia. They bloom equal to the Geranium, but with a form and variety of colors and shadings equal to the Rose. M. I. G. Single choice mixed, pkt. 20c. Double choice mixed, 40c.

BELLIS PERENNIS (English Daisy)

Very pretty double red and white flowers; desirable for borders. Thrives well in shady places. 4 inches. Hh. P. E.

BEST DOUBLE—Mixed, pkt. 10c.

LONGFELLOW—This variety produces dark rose flowers, usually dark and double, having long and stiff flower spikes; valuable for bouquets. Pkt. 10c.

NEW SNOW-BALL DAISY—Long stem, free bloom and large double flowers, snow white. Pkt. 10c.

BOCCONIA JAPONICA

The stately habit of this plant renders it most effective for lawn decorations. The foliage is large and finely cut, and for situations where specimen plants are desired it can hardly be surpassed. Also well adapted for pot culture. T. P. 5 to 8 feet. Pkt. 10c.



Snowball Daisy

BRACHYCOME (Swan River Daisy)

A dwarf, free-bloomer; excellent for baskets and edgings; blue flowers. Hh. A. L. 1 foot. Pkt. 5c.

BROWALLIA (Amethyst)

Valuable bedding plants, flowers blue and white, produced in great abundance and very showy. Does well for house culture when sown in August. Height 1½ feet. T. A. M. I. Pkt. 5c.

THE NEW GIANT BROWALLIA

This new sort is without a doubt the most beautiful of all the Browallias. The plants grow only about a foot high, form dense little bushes, which are covered with an abundance of the most delightful sky-blue flowers, much larger than those of the other varieties. For beds, borders or pots there is hardly another plant with blue flowers that compares with it. Pkt. 60 seeds, 10c.



Brachycome

CACALIA (Tassel Flower)**CACALIA.**

A profuse and beautiful flowering plant, tassel-shaped flowers, growing in clusters on slender stalks, from which it is sometimes called "Flora's Paint Brush." Neat for bouquets. Mixed. 20 inches. H. A. I. Pkt. 5c.



New Giant Browallia

CALAMPELUS (See Climbers)**CALANDRINIA**

Beautiful dwarf plants suitable for rock work. Succeed well in light, rich soil. H. A. I. L.

GRANDIFLOEA—Rich, rosy, pink; handsome. Pkt. 5c.

CALANDULA

(Pot Marigold.) Very handsome free flowering plant producing a fine effect in beds and borders; succeeds in any garden soil. Height 1 foot. H. A. L. L. **Meteor**—Beautifully imbricated double flowers, with stripes of deep orange on a pale yellow background. Pkt. 5c.



BROWALLIA.

PRINCE OF ORANGE—Surpasses even Meteor in beauty, the florets being striped with a more intense orange, giving the whole flowers this brilliant hue. Pkt. 5c.

CALCEOLARIA

— These belong to the showiest of the green-house plants. Their magnificent pocket-shaped flowers, produced in abundance, make them highly decorative. Seed should be sown in July and August. Greenhouse perennial.

HYBRID—Finest mixed. E. I. Pkt. 20c.

CALLIOPSIS OR COREOPSIS

Few annuals produce more striking or rich and varied colors than these. The flowers are numerous and beautiful; remove the seed pods and they will remain in bloom much longer. H. A. L. Finest mixed, pkt. 5c.



CALCEOLARIA.

GOLDEN WAVE—Probably the most effective of all annuals, for a mass of bright golden color. Plant very bushy and compact, almost two feet in height, and covered from July to October with hundreds of beautiful golden blossoms, two inches across with small dark centers. Pkt. 10c.

NEW GOLDEN COREOPSIS (Coreopsis Lanceolata)

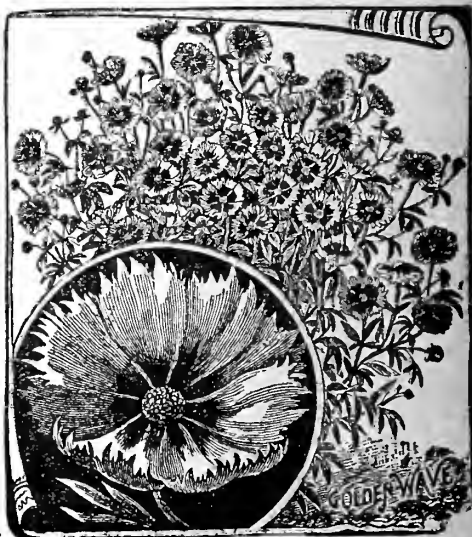
A hardy herbaceous perennial, easy to grow, very free to bloom, and one of the finest of yellow flowers. A most beautiful plant which will last in its golden glory through out the whole summer and fall. A plant everyone should have. Pkt. 10c.

CAMPANULA (Canterbury Bell)

A highly attractive class of plants, combining richness of color with stately growth valuable for beds and borders. The perennial varieties, if sown early, will bloom the first season.

DOUBLE ANNUAL VARIETIES—In finest mixture. Pkt. 5c.

PERENNIAL VARIETIES—Many varieties mixed. Pkt. 5c.

CANARY BIRD FLOWER (See Climbers)

CANDYTUFT (Iberis)

Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seeds sown in April, flowers in July to September, and some of the sorts till frost comes. One foot. H. A. E. I. **Mixed Colors.** Pkt. 5c.

SNOWFLAKE—Extremely free blooming new white sort, forming a very neat, round bush. A continuous bloomer may be had throughout the summer by repeated sowing at intervals of about two weeks. Pkt. 5c.

NEW EMPRESS—One of the finest varieties in cultivation. Of a very branching habit, and when fully grown and covered with its large trusses of pure white flowers, resembles a floral candelabra. Do not sow too thickly. Pkt. 10c.



Candytuft, New Empress

**CANNAS**

NEW FRENCH—Flowers similar in shape to those of the Gladiolus, but exceeding them in brilliancy, markings and variety of colors. They are equally valuable for groups, solitary plants and for house decorations. If the seed, which should be previously soaked for twelve hours in warm water, be sown early in a pot and transplanted into not too rich soil, the plants will bloom the same year, from July or August until cut down by severe frost. M. Pkt. 10c; 3 for 25c.

CARNATION**NEW DWARF MARGARET**

Margaret Carnation

more in diameter; the color includes all the shades of white, pink, crimson and striped. The plants grow upright, requiring hardly any support, and their yield of flowers is wonderful. Pkt. 125 seeds, 15c.

MARGARET CAENATION—Giant White—Flowers very large and double, pure white, with only an occasional pink streak, plants short and stocky, with stiff stalks. Pkt. 50 seeds, 10c.

GRENA DIN—Dwarf, compact growth; flowers are of a deep salmon-red. Blooms some three weeks earlier than any other variety. Pkt. 10c.

VIENNA DWARF—The best garden sort, which produces a large percentage of double flowers. Pkt. 10c.

CARNATION (Dianthus Caryophyllus)

This lovely flower, known to everybody, succeeds in any light garden soil, and will give better flowers than slips taken from old plants. The seed we offer is saved from the finest collection in Europe. Hh. P. I. L. Fine double Mixed. Pkt. 10c.

CASTOR OIL BEAN**New Zanzibar Castor Bean.**

Castor Oil Bean

A magnificent and highly ornamental plant of picturesque foliage and growth. H. A. O. M.

SANGUINEUS—One of the best. 5 feet. Pkt. 5c.

ZANZIBAR CASTOR BEAN—An entirely new class from Africa, with leaves often measuring two feet across; the seeds are marbled, speckled and spotted. Pkt. 10c.

CELOSIA (Coxcomb)

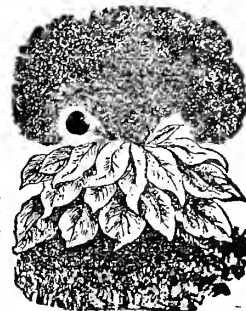
A highly ornamental annual with feathery flowers, valuable for bedding and house culture. 1 to 3 feet. Hh. A. M. I. L.

PRESIDENT THIERS — (Glasgow Prize.) This is the most dwarf of all Coxcombs and bears large crimson combs. Pkt. 10c.

Tall Sorts—Splendid mixture. Pkt. 5c.

Dwarf Sorts—In great variety. Pkt. 5c.

OSTRICH FEATHER—Large crimson plumes, which are exquisitely curved and curled in an exact resemblance of an ostrich feather. Pkt. 10c; 3 for 25c.



President Thiers

CENTAUREA

CYANUS — Known as Bachelor's Button or Corn Beetle. 1½ feet. H. R. A. I. Various colors mixed. Pkt. 5c.

GYMNOCARPA—Dusty Miller. O. L. Hh. P. M. Pkt. 5c.

CYANUS—fl. pl. This new double Corn Flower has, in addition to the doubleness of the flower, a number of new shades. H. A. I. Pkt. 10c.

NEW GIANT FRAGRANT CENTAUREA

(Centaurea Imperialis)

The bushes are about four feet high, of enormous dimensions, and are covered with large beautiful flowers of the form and fragrance of Centaurea Margaret. The flowers will keep for over a week in water, if cut just when they are about to open. It is of easy culture. This is one of the best novelties ever sent out. All colors mixed, pkt. 5c.

SWEET SULTAN

(Centaurea Suaveolens)

Height two feet. Long stems with large double sulphur yellow flowers and sweet scented. Plant in a dry place. It blooms all summer. Pkt. 5c.

CENTROSEMA GRAND-IFLORA (See Climbers)**CHRYSANTHEMUM**

No annual furnishes as many cut flowers as these. They bloom until fall and make lovely plants for beds, borders, etc.

CORONARIUM ALBUM fl. pl. —Double White. 2 feet. Double Yellow. 2 feet. Each, pkt. 5c.

ECLIPSE—An excellent showy new variety. Its large single flowers are 2½ inches in diameter, and exhibit a striking contrast in the markings. They are pure golden-yellow, with bright purplish scarlet ring on the ray florets, the disk being dark brown. Pkt. 10c.

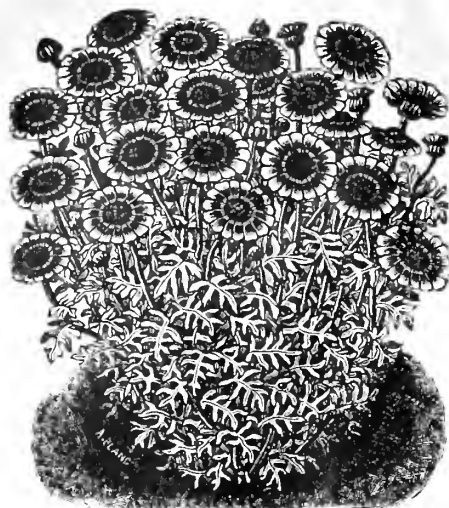
CHRYSANTHEMUM**MAXIMUM**

(Or Large Ox-Eye Daisy)

A fine blooming plant 2 feet



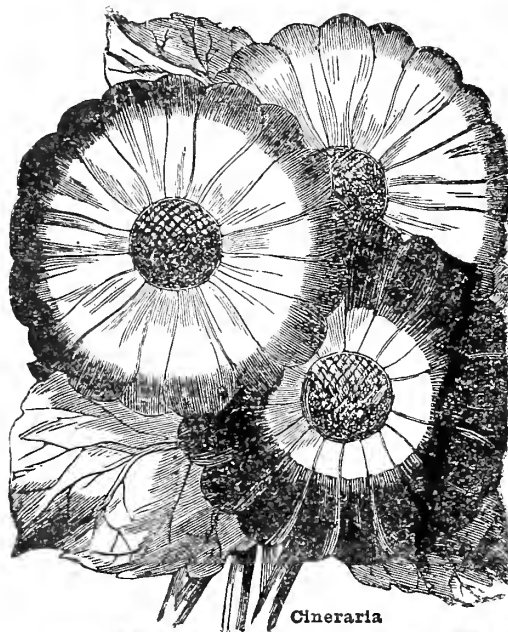
SWEET SULTAN



Chrysanthemum, Eclipse

cumstances. Many colors. H. A. I. L. Pkt. 5c.

CLEOME PUNGENS (Giant Spider Plant)



Cineraria

high, forming a large bush, which is literally covered with pure white flowers. The flowers are well adapted for cutting, lasting over a week in water. H. P. Pkt. 10c.

CINERARIA HYBRID (Cape Aster)

A favorite, attractive, free-flowering plant, blooming during the winter and spring months; perennials but do best treated as tender annuals. G. M. Choice mixed. Pkt. 25c.

CLARKIA

Very pretty flowers, very effective in masses; succeed under most any circumstances. Pkt. 5c.

COLLINSIA

Free flowering hardy annuals, with flower spikes 18 inches high, flowers are borne in clusters about the stalk. Sow seed in open ground. E. I.

BICOLOR—Purple and white. Pkt. 5c.

COSMOS

This plant is of strong growth, having elegant foliage, and for fall blooming has no superior. Flowers 3 inches across. Planted in pots and brought inside to flower like Chrysanthemums, they are grand. The colors are of various shades, from pure white to purple crimson. M. H. A. L. Mixed, all colors. Pkt. 5c.

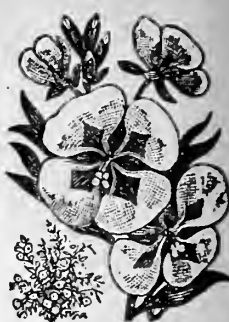
COSMOS—Woodside Early Flowering

Northern Grown Seed—The earliest flowering variety in cultivation, blooming fully 2 months in advance of the Giant strain. Seeds sown in open ground in early May, will produce blooming plants in July, and continue a mass of bloom until killed by frosts. Its delicate fern-like foliage and conspicuous crimson, pink and white flowers form a pleasing contrast. The plants grow about 4 feet tall and bloom freely. Mixed colors. Pkt. 15c each.

COSMOS—"White Pond Lilly"—A most chaste and lovely flower, with large plain-edged petals, so beautifully formed as to remind one of a small pond lily; plants grow about 4 feet high and are very bushy. Flowers on long, strong stems. A very attractive and distinct variety. Pkt. 10c.

COSMOS—"Pink Butterfly"—A magnificent new variety, the loveliest shade of pink imaginable. Petals very large, measuring 3½ to 5 inches across, regularly plated, giving a full and very beautiful flower; edges evenly toothed; flowers are on long stems and are quite deep, giving appearance of large pink butterflies; they have a rich maroon ring around the eye. This is the most exquisite pink Cosmos that has ever been offered. Pkt. 10c.

DWARF EARLY-FLOWERING COSMOS—"Dawn"—Like the above, this comes into flower early in summer and continues until frost. The flowers are large and of a beautiful white with just a touch of delicate pink at the base of the petals. It is a most attractive and useful novelty. Pkt. 10c.



CLARKIA



EARLY FLOWERING COSMOS

COBEA SCANDENS (See Climbers)



Umbrella Plant

CYPERUS or UMBRELLA PLANT

Grows finely in water with rich soil or mud, throwing up long stalks with narrow leaves. Easily raised from seed. 10c.

CYCLAMEN

(Persicum Giganteum)

Well known and charming bulbous rooted plants, with beautiful foliage and handsome flowers. Universal favorite for the greenhouse or parlor and for winter and spring blooming. Hh. G. B. E. Finest mixed. Pkt. 25c.

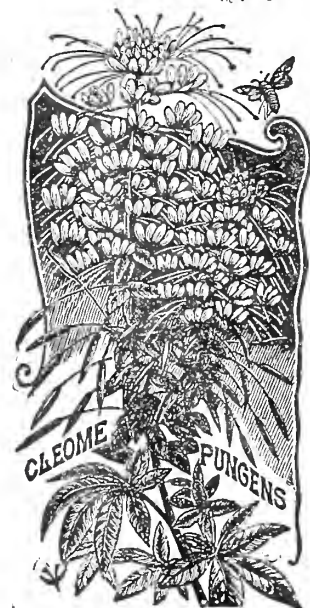


COWSLIP

A very free bloomer, early spring flower, useful for borders. H. P. 9 inches. Mixture of the varieties. Pkt. 10c.



Cyclamen



HYBRID COLEUS

COLEUS

Plants with richly colored foliage of maroon, green, crimson, yellow, etc. For groups on lawns and ribboning they are indispensable, and also valuable for pot culture. Although perennials, they attain perfection from seed the first season. M. G. 1 to 3 feet.

FINE HYBRIDS, Mixed. Pkt. 10c.

CUPHEA (Cigar Plant)

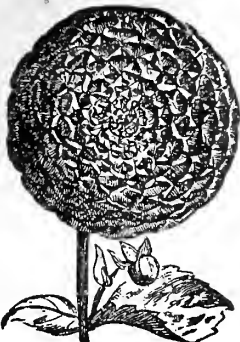
A well-known free bloomer flowering plant, profuse during the summer; also fine as a pot plant for winter blooming in the house. Hh. A. Pkt. 5c.

CYPRESS VINES (See Climbers)**DAHLIA**

Dahlias (Single)

The Double Dahlias can be grown from seed and flower so beautifully the first season, that the purchase of bulbs is a needless expense. The Single varieties have become popular within the last few years. Take up the roots as frost occurs

in the fall and preserve in a dry,



DOUBLE DAHLIA

warm cellar. D. M. L.

Double Mixed — 2

to 4 feet. Pkt. 10c.

Single Mixed —

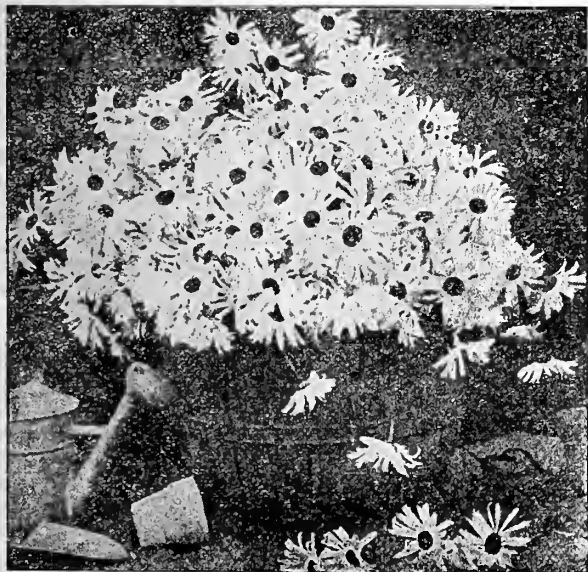
Pkt. 10c.

LUTHER BURBANK'S DAHLIA SEED

Even if sown as late as May 20 Dahlia seedlings will bloom the first year. This seed is of Luther Burbank's own saving, of which he writes: "This seed will produce a greater proportion of large, clear, brightly-colored, perfect double flowers than any ever before offered; 90 per cent of good flowers can be expected." The colors are salmon, light and dark crimson, deepest purple to maroon and almost black, light straw, deepest

Type of Burbank's New Dahlia

yellow and a few white, mostly of the Cactus-type. Dahlias can be raised from seed and will bloom the first year. Pkt. (25 seeds), 25c.



Burbank's Shasta Daisies are perennial and perfectly hardy and bloom for several months

DAISY—Burbank's New Shasta

Today no other flower can compare in extent of usefulness. Their first qualification is hardiness. They can be grown out of doors by everybody where it is not cold enough to kill oak trees. Second, they are perennial, blooming better and more abundantly each season. Third, can be multiplied rapidly by simple division, and they are not particular as to soil. Fourth, they bloom for several months—in California nearly all the year. Fifth, the flowers are extremely large and graceful, averaging about 6 ins., and sometimes more, in circumference, with 3 or more rows of petals of the purest glistening whiteness, on single, strong, stiff, wiry stems, nearly 2 feet in length. Pkt. 15c.

DAISY DOUBLE ENGLISH—See Bellis Perennis.

DATURA (Trumpet Flower)

Hardy annuals, with large, showy trumpet-shaped flower. 3 feet.

FASTOSA HUBERINA — Mixed,

double flowers. Pkt. 10c.

CORNUCOPIA—Flowers average 8 inches long by 5 inches across. White with purple exterior. Pkt. 10c.

DELPHINIUM (Larkspur)

A—Perennial Varieties

FORMOSUM—A bright blue, white center; fine for bouquets and garden decorations. M. 3 feet. Pkt. 5c.

NUDICAULE — Flowers bright orange red. M. Pkt. 10c.

B—Annual Varieties

DOUBLE DWARF VARIETIES — Finest mixed, 1½ feet. Pkt. 5c.

TALL ROCKET—Mixed, 2½ feet.

Dianthus Heddeiwigi, fl. pl. 5c.

DIANTHUS—PINK

Beautiful class of Pinks, hardy, will flower the second season if not allowed to flower too freely the first; sow in hot-bed; transplant dwarf varieties 6 inches apart. A. A.

SINGLE CHINESE PINK

These might be described as resembling Giant Sweet William, with the exception that the flowers are larger, the variety of color much greater and they bloom the 1st summer from seed. They are showy and handsome, are excellent as cut flowers and bloom all summer. Pkt. 10c.



Dianthus Chinesis

HEDDEWIGI—fl. pl. Double Japan Pink. Splendid mixture. Pkt. 5c.



Dianthus Heddeiwigi

CHINENSIS — (China or Indian Pink)—Superb double varieties. Mixed. Pkt. 5c.

IMPERIALIS (Imperial Pink) — Double; mixed colors. Pkt. 5c.

HEDDEWIGI—Finest mixed; single. Pkt. 5c.

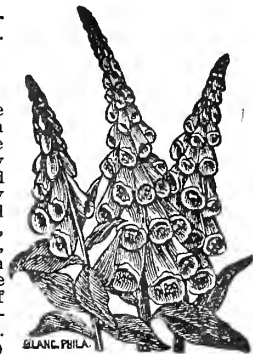
SNOW QUEEN PINK

This is an extra fine selection of the large flowering double, white Japan Pink, is the very best strain we have ever seen. The flowers are extremely large, often 3 inches in diameter, and resemble white carnations. They are produced in great abundance and are borne on long stiff stems, which, combined with their lasting qualities,

make them one of the prettiest of white flowers. Pkt. (150 seeds) 10c.



ESCHSOLTZIA



FOXGLOVE.

DIGITALIS (Foxglove)

Flowers thimble-shaped and spotted. Height 3 feet. H. P. I. Pkt. 5c.

ESCHOLTZIA (California Poppy)

An exceedingly showy class of plants, bearing a profusion of rich yellow flowers. Sow the seeds where the plants are wanted to bloom; thin to 6 inches apart. H. A. E. to L. Many varieties mixed. Pkt. 5c.

NEW CALIFORNIA POPPY

"Rosy Morn" (Escholtzia Californica Caniculata Rosea)

This is a novelty of undoubted merit,

and deserves the attention of all lovers of flowering annuals. A distinct new shade, producing flowers of a form hitherto unknown in the Escholtzia species. The rosy, white petals are delicately channeled or fluted with tiny folds radiating from the center and richly adorned with a soft primrose-yellow hue, enhancing the beauty of this charming flower, which will, we feel confident, gain admiration and praise wherever cultivated. Pkt. 10c; 3 for 25c.

BUSH ESCHOLTZIA, or HUNNEMANNIA

This is a most beautiful plant and we want every one of our customers to plant at least one packet of it on the strength of our recommendation. The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers three inches across, on stems 12 inches long. The color is of clear bright yellow, the petals are broad and crinkled, like crushed satin. The flowers keep in water for 2 weeks. Pkt. 10c.

EUPHORBIA (Snow on the Mountain)

A native of the west. Foliage is beautifully veined and margined white. 1½ feet. H. A. I. Pkt. 5c.



Euphorbia Hetrophylla

EUPHORBIA HETROPHYLLA (Mexican Fire Plant)

Grows 1 to 3 feet high, with smooth, glossy leaves which become dark fiery scarlet. A most attractive object on the lawn. Easy to cultivate. Pkt. 10c.

FOR-GET-ME-NOT (Myosotis)

Pretty little favorite, with lovely clusters of fine, delicate flowers. They succeed best in a damp, shaded situation, but thrive well in any garden soil. Height, 9 inches. Hh. P. E. I.

ALPESTRIS Blue. Pkt. 5c.

VICTORIA

The flowers are large, of a bright azure blue, with yellow centers

borne in dense umbels. The plants grow about 5 to 6 inches high, forming neat globular bushes from 16 to 18 inches in circumference. Pkt. 10c.

NEW FOR-GET-ME-NOT

RUTH FISCHER—A splendid new Forget-me-not of dwarf compact habit with glossy dark green foliage, and bearing large clusters of lovely pure blue flowers measuring about half an inch across, larger than any other variety. An excellent plant either for outdoor bedding or pot culture. Very hardy. Pkt. 25c.

"STAR OF LOVE" Forget-Me-Not Early Flowering

A new hybrid with lovely dark sky-blue flowers, of dwarf, compact growth. The flowers are produced in great abundance and for a long time. Splendid for beds and borders as well as for pots and for forcing. Pkt. 10c.

FREESIA

REFRACTA ALBA—These pretty bulbous plants with their sprays of very fragrant and pure white flowers, can be raised from seed and made to bloom the first year. The beauty and delicate fragrance of these flowers will repay the care given. G. B. L. M. Pkt. 10c.



Freesia

FUCHSIA

These bloom the first year from seed if planted early. Double and single mixed. Pkt. 20c.

GAILLARDIA (Blanket Flower)

PICTA LORENZIANA—This new double variety produces large globular heads of various color in great abundance throughout the entire summer. The seed offered is mixed, containing sulphur and golden yellow, claret red and purple. Most valuable for cutting and bedding. H. A. Pkt. 5c.

HARDY PERENNIAL GAILLARDIAS—These rank undoubtedly among the choicest of Hardy Perennials; the flowers are large, very numerous, excellent for cutting and of the most brilliant shades of orange, crimson, scarlet and vermillion and very often a combination of all colors in one flower. Many colors mixed. I. L. Pkt. 10c.



Gaillardia

GERANIUMS

Splendid mixed. Planted early, bloom the first summer. M. Pkt. 10c.

GILLIA

Free blooming dwarf plants, valuable for mixed beds, rock-work, etc. H. E. I. Mixed colors, pkt. 5c.

GLAUCIUM

(Horn Poppy) LUTEUM—Very low plant, valuable for edging and massing; leaves silvery white, beautifully recurved; flowers yellow, bell-shaped. 2 ft. M. H. P. I. L. Pkt. 5c.

GLOXINIA

A magnificent class of house blooming bulbous plants, with handsome bell-shaped flowers in a diversity of the richest colors. Our mixture contains the finest English, French and German strains and produce the finest flowers, spotted and blotched throats. M. E. to O. L. A. G. Pkt. 25c.

GODETIA

They are of dwarf, compact habit of growth; the flowers are of handsome shape; in the most brilliant, as well as delicate colors, and produced in such profusion that they completely hide the foliage. They are of very easy culture and will thrive in any common garden soil. Choice mixed, pkt. 5c.



Gloxinia



Gillia



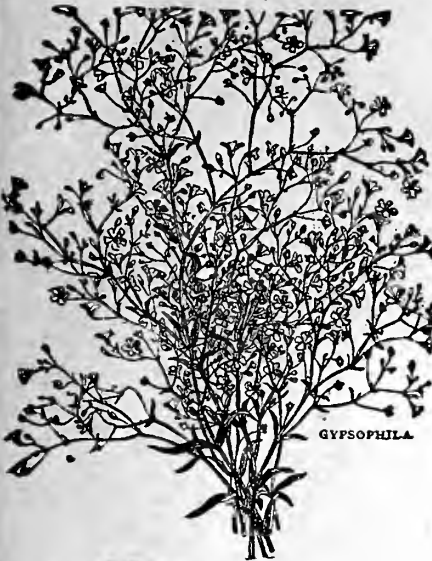
GODETIA.



GREVILLEA—SILK OAK.

GREVILLEA ROBUSTA (Silk Oak)

A tender perennial, growing about 5 feet high, with very beautiful and graceful foliage. It is one of our most elegant ornamental plants for the greenhouse and for table decorations, combining the delicate foliage of a fern with the stately grace of a palm. M. Pkt. 10c.

GYPSOPHILA, or ANGEL'S BREATH

GYPSOPHILA

An annual that should be in every garden, for it thrives everywhere and furnishes the loveliest material for all kinds of bouquets, be they roses, carnations, dahlias, or anything else. As our illustration shows, the tiny little flowers are borne in abundance on long, graceful, branching stems, which lend a most graceful light appearance. Pkt. 5c.

HELIOTROPE**MAMMOTH FLOWERED**

Blooms from seed the first year and as easily as Sweet Peas or Balsams. Heliotropes will bloom as early from seed as any of the common annuals.

Sow the seed in the open ground about the first of May and the handsome bushes will furnish cut-flowers all summer and fall. Pkt. 10c.

HELIANTHUS (Sunflower)

Well known class of plants of stately growth; flowers sometimes enormous size and brilliant color. Height of 4 to 8 feet. The new dwarf kinds are very showy and popular; every garden should have them. H. A. I. L. Mixed. Pkt. 5c.

HELICHRYSUM

(See Everlastings)

HIBISCUS

Showy, ornamental annuals, large flowers. I. L.

AFRICANS—Flowers large cream colored with a brown center. Pkt. 10c.

HOLLYHOCK

Old fashioned favorite which should be in every garden. Seed should be sown in June and July to have flowering plants the next summer. Height, 4 to 9 feet. H. P. I. L. M.

Finest Mixed—Double, 10c.

ALLEGHENY FRINGED HOLLYHOCK—A new and greatly improved type of Hollyhock. The flowers are from 3 to 5 inches in diameter, very finely fringed and curled. Of colors ranging from shell-pink to ruby-red, beautifully shaded. It blooms longer and is more graceful appearing than the older varieties. Pkt. 10c.

NEW ANNUAL HOLLYHOCKS—Bloom from Seed the First Year. Among the most showy and beautiful of garden flowers.

Plants started from seed sown in March or April in the house or hot-bed, transplanted in May into their permanent place, will bloom in August and continue until late in the fall. The flowers are double, semi-double or single. Pkt. 10c.

ICE PLANT (Mesembryanthemum)

Suitable for rock work, hanging baskets, etc.; foliage thick and fleshy, and of a frosty wax-like appearance. T. A. M. L. Pkt. 5c.

IMPATIENS SULTANI

(or Zanzibar Balsam)

A perennial Balsam from Africa. The plant is of compact growth and produces an abundance of rosy carmine flowers. It is one of the most distinct and beautiful plants of easy culture. G. P. I. L. M. Pkt. 10c.

JACK-AND-THE-BEAN-STOCK VINE

(Purseraria Thunbergina) Chinese Kudzu

If you wish a vine that will grow everywhere plant the Chinese Kudzu.

It will flourish where nothing else can, and will last for many years. The large bold leaves of brightest green afford a dense shade. Its greatest feature is its wonderfully strong growth which makes it invaluable for covering arbors, porches, dead or old trees, etc. The Kudzu vine is a native of China, where it is grown not only for the beauty of the plant, but also for the edible value of its roots. The vine is hardy, grows 50 or more feet if permitted, and is well filled with dense foliage to the ground. Pkt. 15 cts.

JOB'S TEARS

An old fashioned but valuable remedy for sore throat, gottle and teething babies, when the seed is strung on linen thread and worn around the neck as a chain. They are cheaper than amber beads, which are used for the same purpose, and are said to be a sure cure. Also used to advantage in basket making and raphia work. Per oz. 5 cts.; (2 ozs. make a chain); ¼ lb. 15 cts.; 1b. 50 cts.

KENILWORTH IVY

One of the most beautiful of basket or vase plants is Kenilworth Ivy (Linaria Cymbalaria), and it can be grown from seeds by any one as readily as the Morning Glory. Seedling plants are of rapid growth, come into bloom in a few weeks, and make long drooping sprays of exquisite foliage thickly set with lovely little flowers. The plant thrives in a cool, dense shade, and likes plenty of moisture about the roots. The plants are hardy perennials with protection at the north, and are excellent for carpeting a bed of Roses or Gladiolas. For a north window, or a window which the sun does not reach, this lovely basket

Chinese Kudzu Vine
Jack-and-the-Bean-Stock Vine

plant is just suited. It also does well in plant vases kept in a shaded place. Pkt. 10c.

KOCHIA SCOPARIA, or SUMMER CYPRESS

The plants grow freely from seed sown in open ground when the trees are coming out in leaf and from the earliest stage of growth in the spring until they reach maturity in the fall; plants are always



KOCHIA

Job's Tears

of globe-like form. The plants branch freely and the stems are clothed with slender, light-green leaves. Early in fall the ends of the shoots are thickly set with small, bright scarlet flowers, the bushy plants resembling balls of fire. The plants are equally showy, planted singly to show the round like form on all sides, or grown in continuous rows or hedges. Pkt. 10c; 3 pkts. for 25c.

LATHYRUS (Everlasting Pea)

Very ornamental, free flowering plants, growing in any soil. Useful for covering trellises, verandas, etc. 5 feet. H. P. I. Mixed. Pkt. 5c.

LINUM

(Flowering Flax)

Most attractive bedding plants, making a mass of dense brilliant red. Height 2 feet. H. A. I. L.

GRANDIFLORA COCINIUM—Scarlet, splendid color. Pkt. 5c.

LOBELIA

A beautiful class of mostly dwarf growing plants. Their delicate



Linaria, or Kenilworth Ivy



Lobelia

do not stand transplanting. H. A. E. to L. Fine mixed. Pkt. 10c.

MAURANDIA (See Climbers)
MIRABILIS, or MARVEL OF PERU (Four O'Clock)

Handsome free flowering plants. Bloom the first year from seed and are treated like annuals. The flowers are produced in clusters on the summit of the stems. The roots can be preserved during the winter like Dahlias. L. Finest mixed. Pkt. 5c.



MARVEL OF PERU.

AFRICAN—Mixed varieties. Pkt. 5c.

FRENCH DOUBLE—Mixed dwarf. Pkt. 5c.

MIGNONETTE

(Reseda) **PARSON'S WHITE**—Distinct, almost white. Pkt. 5c.

MACHET—The plants are of dwarf pyramidal growth and throw up numerous long and broad spikes of deliciously scented flowers. Entirely distinct. H. A. I. L. Pkt. 10c.



Mignonette Machet

drooping habit and the profusion of their charming little flowers render them exceedingly fine for vases, baskets, bedding or edgings. H. A. M. E. Mixed colors. Pkt. 5c.

CRYSTAL PALACE COMPACTA

—The best bedding variety; bright blue. 6 inches. Pkt. 5c.

LUPINUS

(Sun Dials)

Desirable bedding plants of easy culture, with long flower spikes, bearing richly colored pea-shaped flowers. Will succeed in any common garden soil, but



Lupinus.

MARIGOLD

(Tagets)

A well-known, half-hardy annual, of easy culture, with rich beautifully varied colored flowers. The African is the tallest and most striking in large beds, while the French is adapted for small beds, or as a foreground to taller plants. I. L.

AFRICAN—Mixed varieties. Pkt. 5c.

FRENCH DOUBLE—Mixed dwarf. Pkt. 5c.

MIMOAS (Sensitive Plant)

Curious and interesting plant with pinkish-white flowers. The leaves close and drop when touched or shaken. They require a mixed soil of peat, loam and sand. T. A. M. 1½ feet. Pkt. 5c.

MIMULUS

The mimulus, or Monkey Flowers, are beautiful, tender looking plants with almost transparent branches. Fine for baskets under shelter of verandas and for culture in the house. Fine mixed. H. A. I. L. Pkt. 10c.

MUSCHATUS

(Musk Plant)

Pkt. 5c.



MIMULUS

MOONFLOWER

WHITE Ipomoea Noctiflora

—It bears lovely white flowers 5 to 6 inches in diameter, with a five-pointed star in the center; the flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Start the seed in the house and set out as early as safe in the spring. Pkt. (15 seeds), 10c.

MORNING GLORY (See Climbers)

NASTURTIUMS—Dwarf

KRAMER'S SPECIAL MIXTURE OF DWARF NASTURTIUMS—This collection is made up from the best named varieties and are sure to please as it contains the richest and most varied combination of colors ever produced, showing odd colors hitherto unknown among flowers. Pkt. 10c; oz. 25c.

AUROREA—Deep chrome yellow, blotched and veined with bright carmine. Pkt. 5c.

EMPRESS OF INDIA—Very dark leaves and crimson flowers. Pkt. 5c.

KING THEODORE—Bluish green foliage, flowers velvety crimson; fine bedder. Pkt. 5c.

GOLDEN KING—Brilliant yellow. Pkt. 5c. each.

GOLDEN CLOTH—Foliage of a bright golden yellow, flowers intense scarlet; a most valuable bedder. Pkt. 10c.

DWARF VARIETIES—Mixed. Pkt. 5c; oz. 20c.

NEW LILLIPUT NASTURTIUM—The plants and flowers are both smaller than those of the Dwarf Nasturtium and present a most charming appearance. The dainty little flowers are produced in abundant profusion right over the pretty veined leaves. This new mixture contains all the rich velvety and soft color variations of the Nasturtium family and some new shades such as are produced in our Madame Gunther's Hybrids. Pkt. 5c.

DWARF CHAMELEON—This strain is remarkably dwarf and an excellent border plant. Flowers carried well above the foliage and sometimes almost hide it. This is the most brilliant mixture of Nasturtiums we have ever seen; the color combinations are simply magnificent. Pkt. 10c.

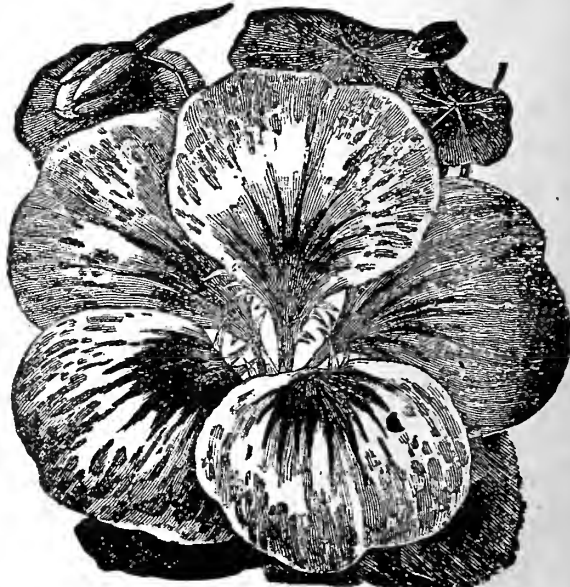
TALL NASTURTIUMS

KRAMER'S SPECIAL MIXTURE OF CLIMBING NASTURTIUMS—In our Special Mixture of this popular flower will be found all the choicest colors. The combinations of which are simply superb. Pkt. 10c; oz. 25c.

MADAME GUNTHER'S HYBRIDS—New Climbing Nasturtiums—For richness and variety of colors these new hybrids have no equals among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow, either as self colors or spotted and striped. The foliage is mostly dark and contrast very effectively with the rich colors. They are climbers and free and continuous bloomers. Pkt. 10c; oz. 25c.

SCARLET STRIPED, CRIMSON, LIGHT YELLOW—Each separate. Pkt. 5c.

TALL VARIETIES—Mixed. Pkt. 5c; oz. 20c.



LOBB'S NASTURTIUM—These constitute, without doubt, some of the finest of our annual climbers; they are easily grown as the common Tall Nasturtium, which they far surpass in brilliancy of flowers and in height of vines and rapidity of growth. Mixed. Pkt. 5c.



NEMOPHILA (Love Grove)

Dwarf growing annuals, with a neat, compact habit of growth and colors strikingly beautiful. A. A. E. to L. ½ foot. Mixed. Pkt. 5c.

NICOTIANA SANDERAE**NICOTIANA**

An intensely glowing rosy-carmine color unknown in any plant of similar character, and it cannot fail to produce a startlingly beautiful effect wherever grown. The care given to the most ordinary annual will suit this new plant admirably, and for a minimum of care a maximum wealth of magnificent blossoms can be had in the garden all summer and autumn. 10c.

NICOTIANA (Tobacco Plant)

AFFINIS—It attains a height of about 2 feet and produces an abundance of large, pure white flowers, which expand fully in the morning and evening, emitting a delicious fragrance. If the plants are taken up in the fall, cut back and potted, they will bloom all winter. M. Hh. A. I. L. Pkt. 5c.

NIGELLA HISPANICA (Love in a Mist)

Free blooming plant with blue flowers and very graceful foliage; grow in any garden. Height, 1 foot. H. A. E. I. Pkt. 5c.

NIGELLA, MISS JEKYLL Novelty

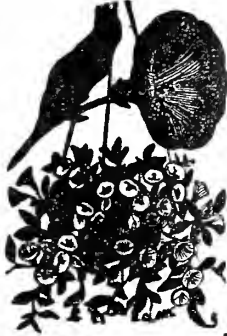
The plants of this new hardy annual, "Love-in-the-mist," are vigorous (18 in.) and give an abundance of long stemmed flowers of the clearest corn-flower-blue, contrasting most charmingly with the fine fern-like foliage. Pkt. 10c.

NOLONA**Nigella Hispanica.**

Very pretty annual; trailing habit, with Morning Glory like flowers, well adapted for rock-work. H. A. L. Mixed colors. Pkt. 5c.

NYCTERINIA CAPENSIS

A sweet-scented little plant with star-shaped

**Nelona**

flowers. Height 6 inches. Hh. P. I. L. M. Pkt. 5c.

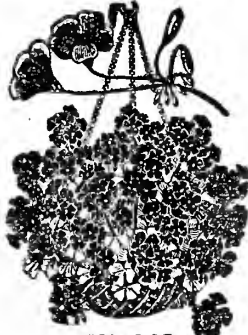
OENOTHERA**(Evening Primrose)**

Derives its name from the fact that it opens its flowers just before the sun goes down. H. A. I. L. M. Mixed. Pkt. 5c.

OXALIS

Showy little plants suitable for rock-work, rustic baskets and greenhouse; 6 inches. Hh. P. I. L.

ROSEA—Rose colored, good bloomer. Pkt. 5c.

**OXALIS.****PANSIES**

We make a specialty of Pansies, and stock from which seed is saved, is selected from the best varieties obtainable, and we claim our Pansies are second to none in this country.

GIANT CASSIER—A French strain; flowers of the largest size, marked with large heavy blotches, blue and white being the predominant colors. Pkt. 20c.

GIANT BUGNOT—One of the finest strains of Pansies in existence. The flowers are of large size, great substance, and the most varied attractive markings and colors; each petal bears a blotch that runs out delicate rays to the edge of the petal. Our "Bugnot" contains shades of red, bronze, and reddish brown that are not to be found in any other variety. Pkt. 15c.

IMPROVED GIANT TRIMARDEAU—Very large; mixed. Pkt. 10c; 3 for 25c.

GIANT TRIMARDEAU—In separate colors, white, yellow, purple, black and striped. Each per pkt. 10c.

GIANT PARIS—As large as the Trimardeau and far superior in color and substance of petals; blotches are more conspicuous. Pkt. 15c.

CHOICE MIXED—These excel in substance, perfection of form, and variety of color. We can faithfully recommend our Choice Mixed Pansies. Pkt. 10c.

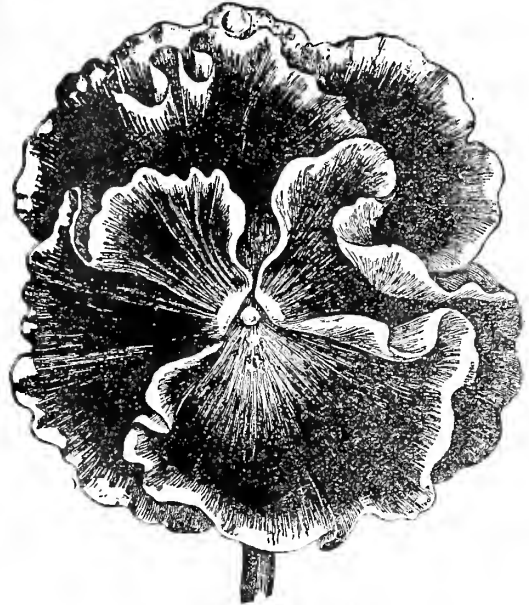
CHICAGO PARK MIXTURE—A fine mixture of all colors and shades. Pkt. 5c.

KRAMER'S 20TH CENTURY "GIANT PANSY MIXTURE"

This mixture includes the richest reds, coppers and bronzes, the most delicate rose pink shadings, all the distinct colors of Trimardeau, the splendid Cassier and Bugnot strains with their delicate veinings, together with a selection of the very best and choicest of all other Giant Pansies, making Kramer's Giant Pansy Mixture, without doubt, one of the finest strains ever sent out. Pkt. about 150 seeds, 15c; two pkts. 25c.

MASTERPIECE, New Giant Curled—This strain comes nearer to "Double Pansies" than anything ever introduced under that name. In reality the number of petals is the same as that in other Pansy flowers, but they are crimped and curled in such fashion that the flowers appear double. The flowers are of enormous size, often 3 inches across, and the color variations and combinations are odd and striking. A pansy of exceptional merit. Pkt. 150 seeds, 20c.

GIANT GERMAN MIXTURE—A fine strain. Pkt. 10c.

**Pansy—Masterpiece****PERILLA**

Excellent bedding plant with deep bronze foliage; very distinct and ornamental. Hh. A. I. O. M. Height 15 inches. Pkt. 5c.

PENTSTEMON

They are very attractive and indispensable for beds, borders and cut flowers. The flowers are half pendant, bell-shaped and marbled in beautiful bright shades. They should be planted in rich, open soil, and protected during the winter. H. P. I. L.

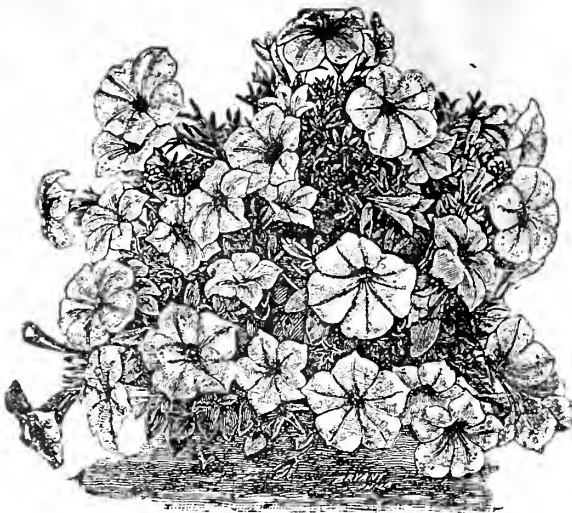
FINEST HYBRIDS—A splendid mixture. Pkt. 10c.

THE CHRISTMAS PEPPER

The plants grow about 12 to 15 inches high and are covered with their scarlet fruit, which stays on for months. It is a selection from the Celestial Pepper, but it is now entirely distinct from it. The fruit is smaller, more chunky, and the plants grow more compact, while the fruit is borne right above the foliage, as shown in our illustration, and therefore present themselves to the best advantage. This Pepper is of the easiest culture. It is one of the prettiest pot plants and everybody can be successful with it. Pkt. 10c.

**The Christmas Pepper**

PETUNIA



New Petunia, "Snowball"

NEW PETUNIA, "Snowball"—A new, very dwarf Petunia. It's well-shaped, beautiful satiny white flowers cover the plant with one mass of bloom. Admirably adapted for bedding or pot culture. Price per pkt. 10c.

HOWARD'S STAR PETUNA

Ground color, dark crimson maroon, veined violet. About the center is a five-rayed star of light bluish pink, deepening in color toward the ends until finally merged into the maroon ground color at margin. A remarkably prolific bloomer, single plants often bearing as many as 100 fully expanded flowers at one time. Pkt. 10c.

FINEST—A very choice strain; partly made up from named large flowering mixed sorts, which will give an abundance of the choicest flowers in great variety of color. Pkt. 10c.

GOOD MIXED—Many colors. Pkt. 5c.
DWARF INIMITABLE—Forms a complete bush 5 to 8 inches high, and is covered with brilliant cherry-red flowers marked with a clear, white star. Pkt. 10c.

SUPERBISSIMA MIXTURE—These are among the finest of the Petunias; the flowers are from 4 to 6 inches in diameter. This mixture includes the well-known Prince and Princess of Wurtemberg sorts. Pkt. 25c.

FRINGED SORTS (Fimbriata)—A superb strain of finely fringed flowers, measuring over 4 inches in diameter; remarkable for brilliancy and variety of color. Pkt. 25c.

DOUBLE PETUNIAS

This is a mixture of the best large-flowering and fringed double Petunias. Seed is saved from plants grown in pots, carefully fertilized, and will produce grand flowers. Of course everyone knows that only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent of doubles, while the remainder will be choice, large single flowers. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers. Pkt. (100 seeds), 30c.

PHLOX

PHLOX—Drummondii—Many colors. Mixed. Pkt. 5c.

GRANDIFLORA SPLENDENS—Or Giant Flowering, a decided improvement on the Drummondii, producing flowers twice the size of the latter with the most brilliant colors imaginable. Finest mixed. Pkt., 250 seeds, 10c.

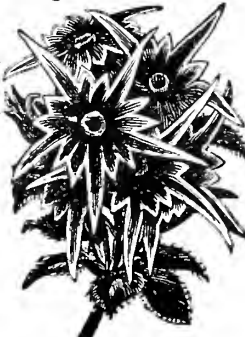
DOUBLE FLOWERING PHLOX—Flowers are double and semi-double and last much longer than the single Phlox. We are sure our customers will be greatly pleased with these and we recommend a



Phlox—Drummondii
trial. Pkt. 10c.

PHLOX—Star of Quedlinburg—The center flower petals, which are five in number, are much elongated, from 4 to 5 times the length of the lateral ones, thus giving flowers a most distinct and remarkable star-like appearance, their attractiveness being greatly enhanced by the broad white margins which border the edge of the petals. Many colors mixed. Pkt. 10c.

DWARF PHLOX (Phlox Drummondii Nana Compacta)—These are much



Phlox—Star of
Quedlinburg

superior to the other Phloxes for ribbon bedding or borders. The plants grow very symmetrical in neat little bushes about 8 inches high, covered with flowers during the whole summer and fall. The flowers are just as large as those of the Drummond Phlox and is just as easy to grow. Pkt. 10c.

HARDY PHLOX (Phlox Decussata)—These rank among the finest herbaceous perennials for beds and borders; mixture of finest sorts. Pkt. 10c.

PHYSALIS FRANCHETI

CHINESE LANTERN

PLANT (Ground Cherry Tomato)—A novelty of sterling merit, introduced from Japan. It is of striking appearance, producing bright red fruits, which are enclosed in a semi-transparent calyx or leafy capsule, about three inches in length and from 7 to 8 inches in circumference; bright orange scarlet in color when nearing maturity. Should be treated in the same way as tomatoes, to which it is related, and will make a fine display during fall months. Pkt. 5c.



PLATYCODON GRANDIFLORA

A hardy perennial plant from Japan which produces all summer an abundance of star-shaped flowers 3 inches across, last a long time. Pkt. 10c.

POLYANTHUS

These rank undoubtedly among the prettiest of plants for borders, rockeries, etc. When once established they grow in any common soil, but succeed best in rich soil and position somewhat moist and shaded. 1 ft. H. P. E. to L. Mixed, 10c.

POPPIES—SINGLE

NEW PEACOCK—Vivid scarlet and cherry crimson with glossy zone near base of petal. Pkt. 5c.

NEW PERSIAN—Brilliant, deep scarlet with black spots surrounded by a clearly defined white margin at the base of each petal. Pkt. 5c.

SINGLE—All colors and varieties mixed. Pkt. 5c.

SHIRLEY—Silk or Ghost Poppy—The Shirley Poppy is not new, but the stock we here offer will be a revelation to all lovers of the beautiful. Our strain is one of superlative excellence, and many beautiful new forms will be found in it. They are especially strong in shades of terra cotta and combinations of this with pink and scarlet. If gathered early in the morning while the dew is still on them and before the rays of the hot sun have affected them, and placed in water they will last in all their beauty for 48 hours. Price per pkt. 10c; 3 pkts. 20c.

POPPIES DOUBLE VARIETIES

FAIRY BLUSH POPPY—Improved double-fringed flowers, white, tipped with rose. Pkt. 10c.

DOUBLE—All colors and varieties mixed. Pkt. 5c.

PAEONY FLOWERED—Flowers in size and color equal to Paeonies. Mixed. Pkt. 5c.



Paedony Flowered

KRAMER'S MIXTURE OF POPPIES

This beautiful mixture embraces everything in the line of Poppies that is showy, handsome, brilliant, effect and delicate of single, semi-double and double annual and perennial sorts. The lovely Shirley Poppies with their endless variety of color, the brilliant Carnation and Paeony flowered sorts with their immense double flowers and gorgeous hues; the Tulip Poppy of dazzling scarlet; the White Swan, double in blossom and of purest white; the Taval Poppies, whose colors range from softest grays and pinks to the deepest and richest reds; the free-blooming Golden Gate—in short every rare and desirable Poppy sort is included in Kramer's Mixture. Each, per pkt. 500 seeds, 10c.

POPPY, NEW ORIENTAL HYBRIDS

The seed we offer is from one of the largest and best collections of European specialists and will produce wonderful flowers in size and colors. Pkt. 20c.

POPPY, ICELAND, NEW HYBRIDS

The new shades in this loveliest of all Poppies vary from sulphur-yellow through shades of orange and golden yellow to salmon-rose. Many flowers show a more intense coloring on the outside of the petals from that on the inside which greatly adds to their charm. Pkt. (1000 seeds), 15c.

ADMIRAL POPPY

This single paeony flowered Poppy is of surprising beauty. It is characterized by large round smooth-edged flowers of glistening pure white, with a broad band of brilliant scarlet around the top, occupying a full quarter of the corolla. These two colors form an extremely telling contrast, similar to that seen in the variety Dansbrog. Planted in groups the new Admiral Poppy which comes nearly true from seed, produces a magnificent effect. Pkt. 10c.

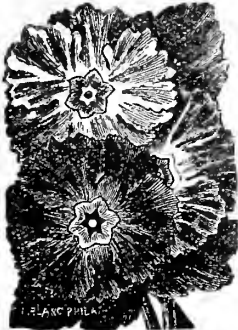


Single Portulaca

PORTULACA

In brilliancy and beauty of color Portulacas are unrivaled. They delight in sunny situations and light soils, where they rapidly cover the ground, each plant covering a space of about 15 inches in diameter; 6 inches. T. A. I. L. Finest single mixture. Pkt. 5c.

DOUBLE ROSE FLOWERED MIXTURE—Unsurpassed for brilliancy of color and of great beauty. Pkt. 10c.



Chinese Primrose

PRIMULA

The Chinese Primrose is one of the finest pot plants for winter and spring blooming in the house or conservatory; very profuse flowering being in almost constant bloom all winter. Green house perennial.

FIMBRIATA, ALBA AND RUBRA—M. Mixed. Pkt. 25c.

OBCONICA—A beautiful blooming Primrose, bearing on long stems, heads containing 10 to 15 flowers. Pure white shading occasionally to lilac. In bloom nearly the whole season. M. Pkt. 10c.



Primula Obconica

and is equally valuable for pots and cut flowers. Certified by Royal Horticultural Society. Pkt. (100 seeds) 20c, 3 pkts. 50c.

MEXICAN PRIMROSE
(Onethera Rosea)

Of a spreading habit, flowers three inches across. They are useful for pots and outdoors. Will thrive in almost any location. M. T. E. to L. Pkt. 10c.



Mexican Primrose

PRIMULA FORBESI, The "Baby Primrose"

Blooms in Three Months from Seed and all the time

This is unquestionably one of the prettiest pot plants. It begins to bloom in 3 months after sowing, and continues to produce flowers for 10 months in succession. The flowers are very graceful, not quite half an inch across, and are a most

pleasing rose color with a yellow eye. They are borne on erect stems 10 to 12 inches high, in tiers, and remain fresh for over a week after being cut, new buds opening every day. The plant is a vigorous grower, thrives in the shade or sunshine, even in a cool house. Pkt. 100 seeds, 10c.

PYRETHRUM
(Feverfew)

AUREUM (Golden Feather)—Beautiful golden-leaved bedding plant. O. M. Pkt. 5c.

QUEEN ANNE'S SWEET SCENTED POCKET MELON

This is a great curiosity and useful fruit. Grows on trellises, makes a pretty vine, and very showy fruit which has a delicious perfume; carried in the pocket or laid on mantel or table



Queen Anne's Sweet Scented Pocket Melon



Primula Forbesi

imparts a delicious fragrance; served with sugar makes a dainty dessert. Pkt (20 seeds), 10c.

RHODANTHEA
(See Everlastings)**RICINUS**
(Castor Oil Bean—See Castor Oil)**ROSE NEW DWARF POLYANTHA**

They bloom in 4 months after sowing, so that seed sown in February in the house may be had in flower in May and June in the open ground, where they continue until frost, giving about an equal profusion of single, semi-double and double flowers borne in clusters. The plants are dwarf and bushy, growing about 1 foot high, and very pretty for solid beds and borders. They are very hardy and may be treated as annuals. Pkt. 15c.

SALPIGLOSSIS

A class of highly ornamental autumn flowering plants with beautiful veined and tinted-shaded flowers rendering them effective in beds and borders. A choice annual. Height 1½ feet. Hh. H.

GRANDIFLORA—Finest mixture of new large flowering varieties. Pkt. 5c.

NEW EMPEROR SALPIGLOSSIS

Ease of culture is the first quality that commends the Salpiglossis to all amateur gardeners. It thrives in any good garden soil and in almost any situation, though like other flowers it responds readily to good treatment. This New Emperor strain is a very great improvement on the older type in its increased size of flowers, their improved shape and large variety of colors, and more than all else, in their singularly beautiful veinings of gold. These are the only flowers, to our knowledge, that show a glint of gold in their coloring. Pkt. 250 seeds, 15c.



Salpiglossis

SALVIA

CLARA BEDMAN—The plant grows into compact oval bushes about 2½ feet high, and producing long spikes of brilliant scarlet flowers. The spikes stand out stiff and erect; over 200 spikes to the plant, and from 20 to 30 flowers each. Pkt. 10c.



A hedge of these beautiful Salvias is a sight to behold. They are a blaze of color the whole summer and fall.

SALVIA SPLENDENS—(Scarlet Sage)—Pkt. 5c.

ZURICH—This is the earliest blooming of the Flowering Sage. The plants are dwarf and compact and commence to produce their large brilliant flowers when 3 inches high and continue to bloom until killed by frost. Pkt. 20c.

"FIREBALL" (Flowering Sage)—One of the best dwarf varieties and is one of the earliest of all, flowering by the beginning of July and continuing without a break until frost. It is easily raised from seed and comes true. Pkt. 15c; 2 pkts. 25c.

SANVITALIA

Dwarf growing free flowering plants; excellent for small beds or rock-work. Double golden-yellow flower. H. A. I. L. ½ foot. Pkt. 5c.

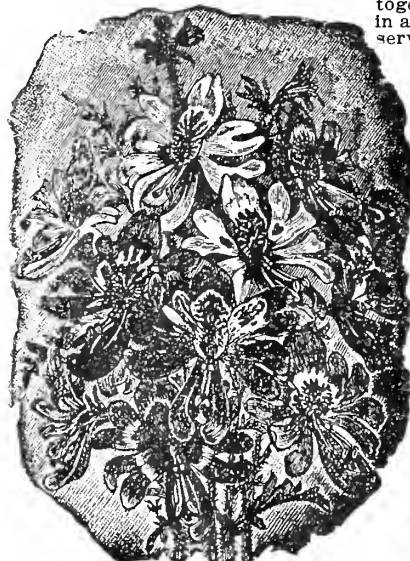
SCABIOSA (Morning Bride, or Sweet Scabius)

One of the handsomest border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc. H. A. I. L. 1 to 2 feet. Mixed colors. Pkt. 5c.

SNOWBALL SCABIOSA—Flowers 2 inches in diameter, of purest snow white; very double, forming almost a complete globe; scarcely equalled in any other flower. Pkt. 10c.

SCHIZANTHUS, or BUTTERFLY FLOWER

SCHIZANTHUS HYBRIDUS GRANDIFLORA—The Poor Man's Orchid—Only a few annuals can compare with the profusion of bloom of this charming novelty, and none is more easily cultivated. It attains a height of about 12 inches, grows quite compact and pyramidal and is literally covered with its beautiful, large, orchid-like flowers. It grows well if sown in the open ground in May, where it is to bloom, but it may be sown in frames and transplanted later into the garden or pots, and if sown in August or September, several plants together in a pot cultivated in a cool greenhouse or conservatory, they will make a splendid show in the winter. Pkt. 10c.



Schizanthus, or Butterfly Flower

SEDUM

(Stone Crop)

A dwarf little plant, growing freely on rock-work, vases, old walls, etc. Height 6 inches. H. A. I. M. Coeruleum—Blue. Pkt. 5c.



Sedum

SILENE (Catch-Fly)

A beautiful early free-blooming plant, adapted for beds, borders or ribbon gardening; of easy culture, growing in any garden soil. H. A. E. I. 1 foot. Mixed. Pkt. 5c.

SOLANUM

HENDERSONI—Improved Jerusalem Cherry. C. P. I. L. M. Pkt. 10c.

STOKESIA CYANEA

This is not new, but is a rare and beautiful hardy perennial, easily raised from seed and will flower the first year if sown early. The plant grows about 2 feet high, each bearing from 20 to 30 handsome lavender-blue corn flower-like blossoms. One of the best plants for the hardy border, and indispensable for cutting. Pkt. 15c.

STOCK

Ten Week

One of the most important of our garden favorites, and is unsurpassed either for brilliancy of color, fragrance, profusion and duration of bloom. H. A. A. E. I. M.

DWARF GERMAN—15 inches. Mixed. Pkt. 10c.



Stokesia Cyanea

FIRE FLAME—Undoubtedly the most brilliant red of known Stocks; every separate blossom resembles a flame-red garnet. Very free of bloom. Pkt. 10c.

SNOWFLAKE STOCK—The earliest flowering of the White Ten Weeks Stocks. Flowers large and snow white. Pkt. 10c.

SWEET PEAS

SOW VERY EARLY AND COVER ABOUT FOUR INCHES DEEP

Prices, except where noted, pkt. 5c; oz. 15c.

AUREA—SPENCEE—Color, flaked and striped bright orange salmon, and white ground. Pkt. 10c; oz. 25c.

APPLE-BLOSSOM—SPENCEE—Bright rosy pink. Pkt. 10c; oz. 25c.

EMILY HENDERSON—Snow white.

MISS BLANCHE FERRY—White and pink.

PRIMA DONNA—A beautiful light rose pink.

GLADYS UNWIN—The finest Pink Sweet Pea yet introduced, a striking novelty, quite fixed and distinct. Flowers large and bold, not hooded, very long stemmed, 75 per cent of the stems with 4 blooms. Color, a beautiful pale rosy pink, good as a market variety.

MRS. WALTER WRIGHT—This is one of the largest and finest of the lavender colored varieties. The flowers are self-



Sweet Pea

SWEET PEAS Continued

colored, of a pinkish cream tint when first opening, changing to mauve and then to a reddish violet when fully opened. The standard is tall and broad, with the edges heavily rolled; the wings are of the largest size.

BLACK NIGHT—Deep maroon.

DAINTY—White with pink edge; unique.

DOROTHY ECKFORD—The grandest pure white; giant flowered.

EARLIEST OF ALL—Ten days earlier than Blanche Ferry. White and pink.

FLORA NORTON—Beautiful rich light lavender.

COUNTRESS OF SPENCE—Very pale pink, darker edge. Pkt. 10c; oz. 25c.

GEORGE HERBERT—Standard rosy magenta, wings deep carmine. Pkt. 10c; oz. 25c.

PRIMROSE-SPENCER—Primrose. Pkt. 10c; oz. 30c.

WHITE-SPENCER—Pure white. Pkt. 10c; oz. 40c.

LORD NELSON—Deeper and richer than Navy Blue.

NORA UNWIN—Giant white. Pkt. 10c; oz. 25c.

KING EDWARD VII—Best dark rich red.

HON. MRS. E. KENYON—The best yellow to date.

SPECIAL**KRAMER'S MAMMOTH MIXTURE OF SWEET PEAS**

This is one of the most complete and thoroughly up to date mixtures in existence. It is mixed from a carefully prepared formula which is revised each year. The daintiest colors of all the Spencers, Large Flowering and Unwin types as well as darker combinations make a garden planted with these a continued joy and surprise. Lb. \$1.50; ½ lb. 85c; ¼ lb. 60c; oz. 15c; pkt. 5c.

ECKFORD'S MIXED—The superb English strain, famous in Europe and America. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.25.



Sweet William

inch in diameter. Pkt. (100 seeds) 10c; 3 pkts. 25c.

SWEET WILLIAM

(Dianthus Barbatus)

GIANT FLOWERED SWEET WILLIAM—An improvement on older sorts, both in variety of colors and size of flowers and trusses. The single flowers are often as large as a 25 cent piece, and are simply enormous in comparison with the old-time Sweet William. Pkt. (100 seeds), 10c.

NEW DOUBLE GIANT SWEET WILLIAM—Like the former, it is an improvement on the old-fashioned Sweet William, producing umbels of enormous size on stiff stems and in a great variety of shades and colors. The single florets often measure 1

THUNBERGIA (See Climbers)**TORRENIA**

Brilliant flowers, especially suitable for pot culture. T. A. I. L. M.

FOURNIER—Large sky-blue flowers with 3 indigo-blue spots and a bright yellow throat; is an excellent free-bloomer. Pkt. 10c.

VERBENA

MAYFLOWER—This is of the same trailing habit as the Arbutus or Mayflower, its branches creeping over the ground and hugging it closely. Its blossoms are of the same shape and about the same size. The new Verbena Mayflower has all these characteristics, with the additional merit of possessing the same lovely and delicate pink and white coloring, making the flowers like the Arbutus; and last, it has the same exquisite fragrance. This makes it one of the most fascinating flowers in cultivation. It was originated by Luther Burbank, who pronounced it one of his greatest achievements. Pkt. (75 seeds) 10c; 3 for 25c.

MAMMOTH FLOWERED—Flowers nearly twice the size of the ordinary sorts, very brilliant colors and large, distinct eyes. Mixed. Pkt. 5c.

CANDIDISSIMA—White. Pkt. 5c.

DEFIANCE—Scarlet. Pkt. 5c.

PURPLE—Pkt. 5c.

VINCA

Ornamental, free-blooming plants; they flower from seed, if sown early, the first season, continuing until frost; or they may be potted and kept in bloom through the winter. 2 feet. T. P. I. L. M. Mixed. Pkt. 10c.



Verbena

SWEET VIOLETS

THE CZAR—Large flowering. Blue. Pkt. 10c.

V. BLUE—The old-fashioned sorts. Pkt. 5c.

VIRGINIA STOCKS (Cherianthus Meritimus)

Very pretty free-flowering plants; red flowers. H. A. E. I. Pkt. 5c.

WALL FLOWER (Gold Lack)

Single Wallflower.

Flowers borne in dense spikes, large, deliciously fragrant, rich colors. Great favorite, especially with the Germans. T. P. E. to L. M.

SINGLE—Mixed. Pkt. 5c.

DOUBLE—Branching sort. Extra mixed. Pkt. 10c.



Double Wallflower.

WILD FLOWER GARDEN

Our Wild Flower Mixture consists of many varieties of beautiful easy-growing flowers, producing a constant and varied bloom the whole season, for sowing in shrubbery, under trees and on which no care will be bestowed, or even for sowing in exposed situations where wildness is preferred to order and precision. The mixture comprises mignonette, candytuft, larkspur, marigolds, poppies, foxgloves and many other garden favorites, which will flower successfully and yield an abundance of bloom. Large pkt. 10c; ½ oz. 20c.

WILD CUCUMBERS (See Climbers)**XERANTHEMUM (See Everlastings)****ZINNIA**

ALBA—Double; pure white. Pkt. 5c.

ELEGANS—fl. pl. — Finest double varieties, mixed; large flowering. Pkt. 5c.

DOUBLE LILLIPUT—Another "good thing," don't miss it. This is one of the most charming of recent introductions. The plants form handsome little bushes about 15 inches high, and fairly bristle with tiny short-stemmed double flowers, hardly exceeding a daisy flower in size. They are exceedingly pretty plants, bloom all summer long and until late in fall. Pkt. 10c.



Double Lilliput Zinnia.

VINES AND CLIMBERS**ADLUMIA (Mountain Fringe)**

An attractive climbing plant with pale green foliage, bearing small pink and white blossoms in abundance. H. B. I. to L. 10c.

BALLOON VINE

(Love in a Puff)

A pretty, rapid growing climber, very ornamental; thrives best in a light soil in a warm situation; 5 feet; flowers white. H. H. A. I. L. Pkt. 5c.

CANARY BIRD FLOWER

One of the most charming climbers, bearing an abundance of yellow fringed flowers; 10 feet. H. H. A. I. L. Pkt. 10c.



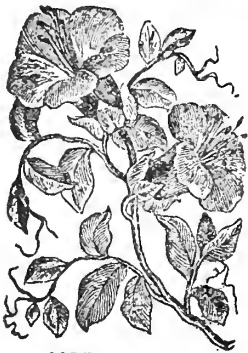
Adlumia

CENTROSEMA GRANDIFLORA

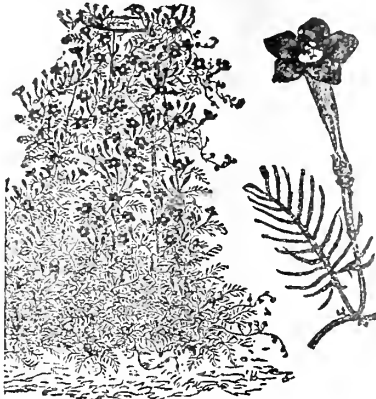
Hardy perennial vine; rare beauty; blossoms early in June from seed sown in April; bears in greatest profusion inverted pea-shaped flowers $1\frac{1}{2}$ to $2\frac{1}{4}$ inches in diameter, color ranging from rosy velvet to reddish purple, broad feathered, white mark in center; large buds and backs of flowers pure white. Pkt. 10c.

COBOEA SCANDENS

Handsome, bell-shaped, purple flowers. 20 ft. T. P. M. L. to L. Pkt. 10c



COBOEA SCANDENS.

CYPRUS VINE

Cyprus Vine

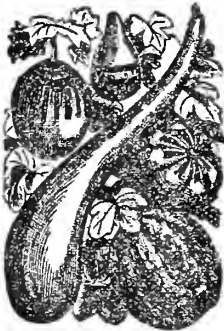
A most beautiful well-known climber. T. A. I. L. Mixed. Pkt. 5c.

DOLICHOS (Hyacinth Bean)

A fine climber with edible seeds; flowers white purple or lilac. Height 10 feet. H. A. I. L. Mixed. Pkt. 5c.

GOURDS—ORNAMENTAL

Handsome climbers of rapid growth, producing fruit of peculiar and various forms. Tender annuals. Many sorts in finest mixture. 5c.

THE CHINESE BOTTLE GOURD

Ornamental Gourd

Many of the visitors to California seed farms are very much interested in the gourds which the Chinese laborers use for carrying their tea to the field. Nearly every man carries his own bottle of tea tied to his back with a strip of bamboo, and he seems to think as much of his own gourd as if it were a silver pitcher. Some of them are ingeniously covered with wicker work, as the picture indicates, and all of them are provided with a wooden cork and a bowl made from the top of the gourd attached with a stout cord to the neck of the bottle. Rather influenced by the use the Chinese make of these gourds, many of the other farm hands have grown to use them and find it a cheap as well as convenient bottle for carrying water. Pkt. 15c.

JAPAN HOP (Humulus Japonica)

JAPONICUS—(Japan Hop)—Rapid summer climber, in 3 or 4 weeks time attaining a height of 20 to 30 feet. It is one of the best plants for covering verandas, trellises, etc. Heat, drought and insects do not trouble it. Pkt. 5c.



Variegated Japan Hop

LATHYRUS (Everlasting Pea)

Very ornamental free flowering plants, growing in any soil. Useful for covering trellises, verandas, etc. 6 feet. H. P. I. Mixed. Pkt. 5c.

MAURANDIA

An elegant climbing perennial, but can be grown from seed and brought forward so as to flower well late first season in the garden. Sow early indoors, transplanting in June; flowers produced in profusion. Fine mixed. Pkt. 10c.

MOON VINE—White. Pkt. 10c.

MORNING GLORY THE JAPANESE IMPERIAL MORNING GLORIES—They are unsurpass-

ed for beauty of flowers and foliage, freedom of bloom, rapidity of growth, and are without doubt the most beautiful climbers in existence, and everybody can grow them. The varieties of color are infinite. Pkt. 10c; 2 pkts. for 25c.

NEW DOUBLE MORNING GLORY

—(Ipomoea Purpurea fl. pl.) About 80 per cent of the seed may be expected to produce double flowering plants. Pkt. 10c.

MORNING GLORY

—(Convolvulus Major).—A well known climber, free-flowering; succeeds in almost any situation; height 15 feet. H. A. I. L. Fine mixed. Pkt. 5c.

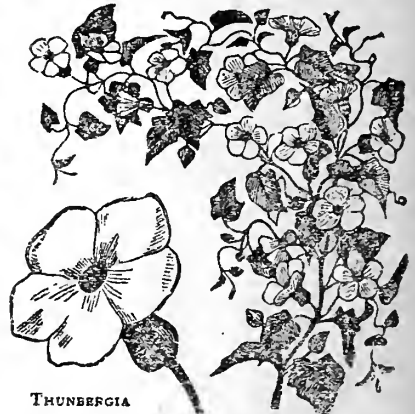


Japanese Imperial Morning Glories

SMILAX

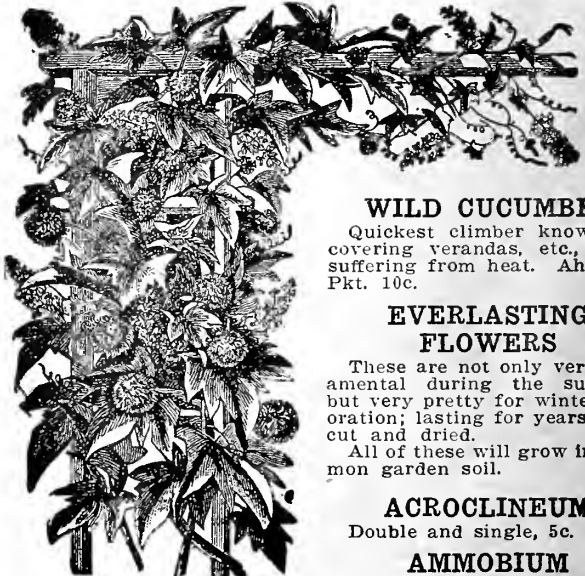
Smilax

Perennial tuberous-rooted climbers with dark glossy foliage, small white flowers, one of most desirable green-house climbers. M. Pkt. 10c.



THUNBERGIA

THUNBERGIA Beautiful climbers for greenhouse or garden. Profuse bloomer; handsome foliage and flowers. Height 4 ft. Hh. A. I. L. Mixed all colors. Pkt. 5c.



Wild Cucumber

WILD CUCUMBER

Quickest climber known for covering verandas, etc., never suffering from heat. Ah. A. I. Pkt. 10c.

EVERLASTING FLOWERS

These are not only very ornamental during the summer, but very pretty for winter decoration; lasting for years when cut and dried.

All of these will grow in common garden soil.

ACROCLINEUM

Double and single, 5c.

AMMOBIUM

White, on long stems. Pkt. 5c.

**GOMPHRENA, or
GLOBE AMARANTH**

Clover-like heads, mixed, 5c.

HELICHRYSUM

All colors mixed; splendid for bouquets; can be dyed any color. 5c



GOMPHRENA OR GLOBE AMARANTH.

RHODANTHE

Mixed; very pretty sort. 10c.

XERANTHEMUM

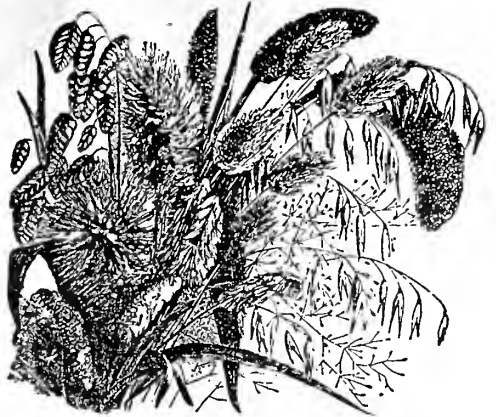
Double; mixed. 5c.



Xeranthemum

**ORNA-
MENTAL
GRASSES**

These are most useful for winter bouquets; enormous quantities of them annually grown in Germany and exported to the United States, where they are made into bouquets with Everlasting Flowers. They are easily grown in any soil. Pkt. 10c; 3 for 20c.



Ornamental Grasses

FLOWERING AND ORNAMENTAL PLANTS

PLANTS BY EXPRESS AT PURCHASER'S EXPENSE

Special reduction in Express rates on plants of 20 per cent. This makes the charges very light, and we would advise that all plants be sent in this way where possible to do so, as it is the best and safest way to ship. Plants will arrive in much better condition and we can often send larger and better plants than could be sent by mail. When sent by express we put in extra plants to help pay Express charges.

FREE DELIVERY—On receipt of price, we will send the small size plants free by mail when order amounts to 50 cents or more. When less than 50 cents 10 cents must be added for packing and postage.

PLANT ORDERS—Orders for plants will be filled as early in spring as we consider it safe to send them. If ordered for immediate shipment in severe weather they will be sent only at purchaser's risk.

KEEP PLANT AND SEED ORDERS SEPARATE—Kindly write your plant order on one side of order sheet and seed order on the other side, or better still each order on a separate sheet. Don't forget name and address and keep a copy of your order. Write only one item on a line.

ABUTILONS

GOLDEN FLEECE—Described as being the only really yellow Abutilon in cultivation. A free bloomer and cannot be too highly recommended. 10c.

ECLIPSE—A pretty trailing variety with large foliage, beautifully marked with deep green and yellow. Flowers deep orange and yellow with crimson throat; fine for vases or large hanging baskets. 15c.

ERECTA—Flowers stand up erect instead of hanging pendulous as in other varieties. Flowers are produced in great abundance on stiff flower stems and stand well out from the foliage, where every flower may be seen. Color, a beautiful orange pink; very attractive. 10c.



Abutilon Savitsi

SNOW STORM

—Pure white. 10c.

FIRE KING

—Fine fiery red flowers. 10c.

SOUV. DE BONN

—The bright green leaves are distinctly edged with a broad white band. Flowers gold and yellow veined with scarlet and stand well outside the foliage, producing a pleasing contrast. Is exceedingly floriferous. Makes fine specimens in a short time. 10c each.

SAVITSI

Very rare novelty of sterling merit; will please the most fastidious. A great improvement on Souv. de Bonn. The variegation is very much whiter, the white predominating—more than half the leaf being almost pure white. The white is very

clear and pure and not a yellowish green. It is a very compact grower and one of the most beautiful variegated plants ever sent out. Each, 15c.

ACHYRANTHUS

These plants are valuable mainly as ribbon lines or border plants where high colors are wanted. Three varieties. Price 10c; \$1.00 per dozen.

AGAPANTHUS

UMBELLATUS (Blue Lily of the Nile)—A splendid ornamental plant, bearing clusters of bright blue flowers on long flower stalks, lasting a long time in bloom. A most desirable plant for outdoor decoration, planted in large pots or tubs on the lawn or piazza. 50c.

ACALYPH (Shrubby Coleus)

Grand bedding plants, used in finest park beds; leaves attractive as an autumn maple.

MILONIANA—New. The leaf is narrow, notched and very sharp pointed. The color is bright green, bordered with creamy white; short jointed and a very rapid grower. 15c.

MACAFAENA—Brownish red leaf; makes an elegant lawn bed. 15c.

MARGINATA—Same color, rose border. Each 20c.

SANDERS or CHENILLE PLANT, which see.

AGERATUM

Fine winter or summer flowering plants, well adapted for bouquets or cut. flowers, etc.; of easy culture. Blue or white, 10c each; \$1.00 per dozen.

**ACHANIA
MALVAVIS-
CUS**

The upright flowering Fuschia fine bedding and house plant; brilliant scarlet flowers 15c to 25c.

**ACHILLEA
(See Hardy
Plants)**

Malvaviscus Achanis

ALTERNANTHEA

No plants are so well adapted to carpet bedding as these. As the dwarf habit admits of pruning, they can thus be kept low and bushy. Price 10c; 75c per dozen.

PARYCHOIDES MAJOR—Bronze, tipped with red; the brightest and most showy of all.

AUREA NANA—Yellow and green.



Agathea
BLUE DAISY

AGATHEA BLUE DAISY

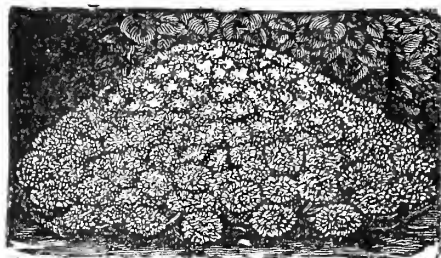
CELESTIS — The showy, daisy-like flowers of this little plant are handsome and very desirable for cutting. Flowers light blue, disc yellow. 10c.

ALMONDS (See Hardy Plants)

ALOYSIA CITRADORA

LEMON VERBENA—A well-known plant, the value of which consists in the delightful fragrance of the foliage; indispensable for bouquets. 10c to 25c each.

ALYSSUM



Alyssum—Sweet

SWEET — Low-growing, free-flowering; excellent for ribbon lines; fine, showy basket plant flowers small, and sweetly scented. 10c; 75c per dozen.

DOUBLE — Pure white and very double.

TOM THUMB — Dwarf; never higher than 6 inches.

AMARYLLIS

JOHNSONII—An interesting class of

bulbs, desirable for growing in pots; showy flowers, very attractive, handsome; dark red with white stripe. 50c and \$1.00 each.

AMOMUM MELEGUETTA

Belongs to the ginger family; produces cardamon seeds of commerce; growth resembles miniature Canna; very pretty pot plant; fragrant. 25c.

AMPELOPSI (See Hardy Plants)

ANTHERICUM

REPENS VITATUM VAR—A beautiful plant for hanging baskets and vases. Foliage of a bright green, beautifully striped and margined with creamy white on the leaves. 25c.

AQUILEGIA (See Hardy Plants)

ARAUCARIA EXCELSA (Norfolk Island Pine)

This beautiful plant resembles the pine somewhat in appearance, though much finer in texture; it is particularly adapted to table decoration. It is most unique in appearance, the branches being arranged in neat, symmetrical whorls. Plants 6 to 7 inches high, with 2 to 3 whorls, \$1.50 each; plants 12 to 14 inches high, with 3 to 4 whorls, \$2.00 each; 10 to 20 inches, 4 whorls, \$3.00; by express not prepaid.



ARAUCARIA EXCELSA.

ARISTOLOCHIA

(See Hardy Plants)

ARTILERY PLANT

(See Pilea)

ASPARAGUS PLUMOSUS (Climbing Lace Fern)

Beautiful variety; elegant spreading form; branches arch gracefully, exquisitely fine and lace-like firm

and strong, lasting for weeks when cut and placed in water. Fronds 15 to 16 inches long, tapering to a point from a width of 12 inches. 15c, 25c, 50c and \$1.00 each.

ASPIDISTRA VARIEGATA

One of the best window plants, standing dust and gas well; leaves 8 to 12 inches long and 4 to 6 inches wide; deep green, distinct creamy white stripes; splendid for ferneries or wardian case. 50c to \$3.00 each.



Aspidistra

ASPARAGUS SPRENGERI

Perhaps the best known plant introduced in years. Especially useful to grow as a pot plant for decorative purposes or for planting in ferneries or suspended baskets. It grows freely the whole year round. As it withstands dry atmosphere it makes an excellent house plant. The plant is a vigorous grower, producing sprays 4 or 5 feet long, of fresh, green, feathery foliage. Useful for bouquets, wreaths or sprays remaining perfect weeks after cutting. 15c, 25c, 50c and \$1 each. Extra large, \$3 to \$5. each.



Asparagus Sprengeri

BARBERRY (See Hardy Plants)

BEGONIAS—Rex Varieties

One of the most beautiful ornamental leaved house plants, of which we have many choice varieties. 15c each; large plants 25c to \$1.00.

BRIDAL WREATH

(See Spires in Hardy Plants)

BOUGAINVILLE GLABRA SANDERINA

(New) — Beautiful plant, producing in great profusion its dazzling rosy-crimson flowers. Begins to bloom when quite small—a continuous free blooming plant that should be in every collection. 20c.

BRUGMANSIA (GHOST FLOWER or ANGEL'S TRUMPET)

—Magnificent shrubby plants, with mammoth sweet-scented, pure white, trumpet-shaped flowers eight to twelve inches in length. The flowers are produced in the greatest profusion, a single specimen having as high as 100 open flowers on at one time.



Bougainvillea Glabra Sanderina



Asparagus Plumosus

Will grow in any warm sunny situation. This is certainly one of the most gorgeous plants we know of and should be in every collection. Price 25c, 50c and \$1.00 each.

BOSTON IVY (See Ampelopsis in Hardy Plant List)

BIGONIA, or Trumpet Creeper (See Hardy Plants)

BLANKET FLOWER (See Gaillardia, Hardy Plants)

BLEEDING HEART (See Dielytra in Hardy Plants)

FLOWERING BEGONIAS

Large Plants 25c to \$1.00 each by express not prepaid

AGROSTIGMA—Large leaves, spotted white. Fine clusters of pure white flowers. 10c.

ARGENTEA GUTTATA—Purple bronze leaves, oblong in shape, with silvery markings, and in every way a beautiful Begonia. It produces white flowers in bunches on ends of growth. Fine. 10c.

METALICA—Large glossy leaves, shaded dark green and olive, with a peculiar metallic lustre over all. Deep rose-colored flowers. 10c.

MULTIFLORA—Flowers pink; handsome. 10c.

PAUL BRUANT—Fine, bushy tree form. The bloom is borne

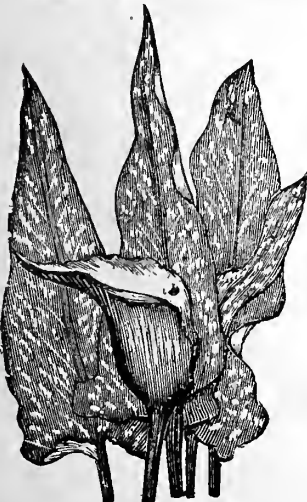
in the greatest abundance on long stems, and is of two forms, a part being very large and of a peculiar rose shade, the smaller forms being rose and white, the petals transparent; leaves olive - green. 15c.

SANDERSONII—Scarlet shaded crimson, one of the best. 10c.

M. DE LESSEPS—Leaves very large and beautifully spotted with silver. A very strong, free-growing variety. This is a wonderfully beautiful sort. Immense white flowers. 10c.

RUBRA—One of the finest winter flowering plants; color of flowers, bright scarlet, glossy and wax-like. 10c.

BEGONIAS—Tuberous Rooted—Flowers ranging through all shades of crimson, scarlet, rose, orange, etc. Excellent for bedding purposes, especially in a shady situation. Single varieties, dry bulbs. 15c; \$1.50 per dozen. Started bulbs, 25c each.



Spotted Calla

CALLAS

AETHIOPICA, or LILY OF THE NILE—A fine house plant; it requires an abundance of water while growing, and should have a period of rest from May till August. 25c to \$1.00; small plants, 10c.

RICHARDIA ALBA MACULATA—(Spotted Calla)—Belongs to the same order as Calla Aethiopica, with beautiful spotted leaves. It flowers abundantly during the summer months; the flowers resemble those of the Calla and are of a pure white shaded with violet inside. It is a delicious plant and should be kept dry in winter and started in the spring like a Dahlia. 10c to 75c each.

CALADIUM ESCULENTUM or Elephant Ear Plant

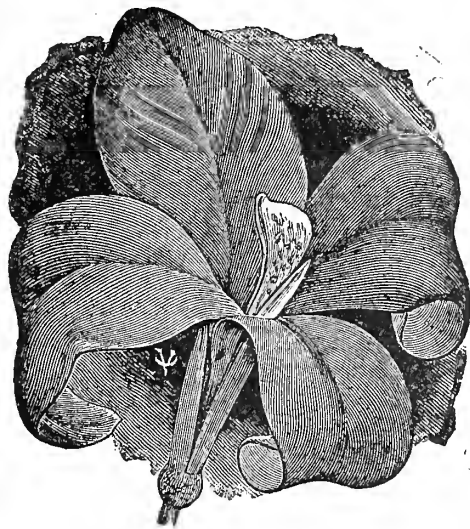
The leaves of this plant grow to an immense size, sometimes 2 feet wide and 3 feet long; beautifully veined; does best when it has a good deal of moisture. As a single plant for lawns or large flower border it has no superior. 15c, 25c, and 50c each.

FANCY-LEAVED CALADIUMS

These have grown very rapidly in popular favor for the decorating of the conservatory greenhouse and window boxes, also for planting out of doors when the ground has become warm, in partly shaded, sheltered borders, in well enriched, light soil, while for exhibition plants during the summer and fall months nothing can equal their beauty. Leaves variegated, red, yellow, white, brown, green, etc. Many choice varieties mixed. 25c and 50c each.

CANNAS

The great size of truss and flowers which are produced in various shades of yellow and red combined with the large and stately foliage of green or bronze make this one of the most beautiful lawn plants. As a background for other plants or used alone they produce a pleasing and artistic tropical effect not found in any other plant. When ordering state color of flower and foliage wanted, also tall or dwarf growing, and we will send you choice selection from our large collection of standard varieties.



Chicago

Price 15c each; \$1.50 per dozen, postpaid.

Large pot plants 25c each; \$2 50 per dozen by express only.



CARNATION

Of this popular flower we have only the best varieties in red, white, light pink and dark pink. When ordering state color wanted.

Price of small plants for spring delivery only, 15c each.

Price of large plants for fall delivery only, 25c each.

CENTAUREA GYMNOCARPA

Attains a diameter of 2 feet, forming a graceful, rounded bush of silvery gray, for which nothing is so well fitted to contrast in ribbon lines with dark foliage plants. As a plant for hanging baskets it is also unsurpassed, its drooping, fern-like leaves being effective. 10c; \$1.00 per dozen.

CESTRUM

CESTRUM PARQUI.

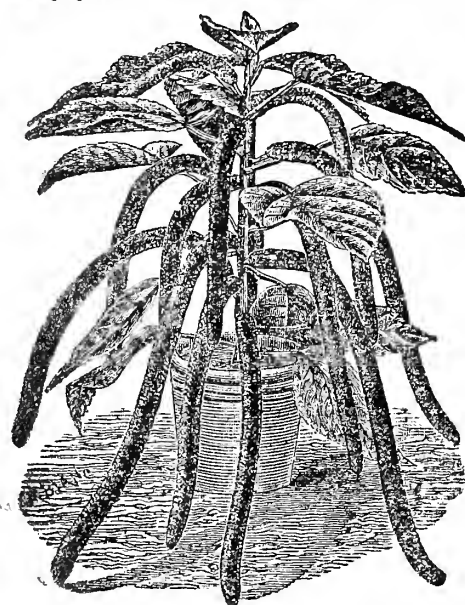
PARQUI—(Night Blooming Jasmine)—A plant of strong, shrubby growth, with small, greenish-white blooms, with a delightful odor, which is dispensed freely during the night only; of easy cultivation. Price 25c each.

CHAEONSTEMMA HISPIDA

A most remarkable and continuous free-flowering plant. Flowers star-shaped and pure white, about 1/4 of an inch in diameter, covering at all times the whole plant. Will do well in a cool room and is a fine house plant. 10c and 25c.

CHENILLE PLANT (Acalypha Sanderi)

This is the most striking ornamental plant introduced in many years. It is a native of the South Sea Islands; is of



Chenille Plant

easy and rapid growth and blooms continuously. The plant is of branching habit, healthy foliage and the flowers are most remarkable. The flower spikes, which appear in pairs from the axils of the leaves, grow from 1 to 2 feet in length. They are of bright crimson color, drooping and mixing with the green foliage with charming effect. For bright and curious effect it has no equal. It has received silver and gold medals and premium certificates at the flower shows this autumn. We offer strong, well-rooted plants of our own growing, mostly showing the flower spikes. Each 25c.

CHINESE MATRIMONY VINE (See Hardy Plants)**CHRYSANTHEMUMS**

We eliminate the long list of varieties as it is often confusing and hard to decide which to order. Our list is large and comprises all sizes and shades of color known in chrysanthemums. When ordering state which you want, large, medium or small flowering, also color and will make selection which is sure to please. Price 15c each; \$1.00 per dozen. For fall delivery can furnish only large flowering plants. Price 50c to \$3.00 each, according to size.

**CINNAMON VINE**

A fine, hardy climber, and well known in some parts of the country as Chinese Yam. The tubers grow very large and are edible, like sweet potato. The vine is a beautiful, rapid grower, producing sweet-scented flowers. 10c; 75c per dozen.

CLEMATIS (See Hardy Plants)**CLERODENDRON**

BALFOURI—A unique and beautiful climber.



Cinnamon Vine



Clerodendron

ing plant. It presents a splendid combination of colors, having bright scarlet flowers, with creamy white calyx; a profuse bloomer, young plants a foot high often bearing several clusters. A strong and rapid grower; can be grown with success as a pot plant in the house or planted as a summer climber in the garden. Each 25c.

COBEA SCANDENS

A remarkably rapid climber, often attaining a height of 60 feet in a season, with beautiful foliage, and producing large purple, bell-shaped flowers in great profusion during the fall months. 15c and 25c.

COCOLOBA PLATYCLADA

Curious, flat-stemmed, fern-like plant. Fine for baskets. 10c and 25c.

COLEUS

The best of all ornamental foliage plants for summer bedding; fine for edging large beds or massing by themselves. Very tender and should not be planted until all danger of late frost is over. 10c each; 75c per dozen.

FANCY COLEUS

BRILLIANCY—The finest Giant Coleus ever offered. The color is a bright carmine, shading off to a deep maroon, the margins of the leaves bordered with yellow and green and having a rich velvety lustre, the whole effect being one rarely seen in any plant. The habit is strong and vigorous, growing 2 to 3 feet high; leaves very large, often 9 to 10 inches long. 15c each; large plants, 25c and 50c each.

TWO NEW CROTON-LEAVED COLEUS

ANNA PFISTER—Pointed leaves 6 to 8 inches long with deep scalloped edges, giving it a Croton-like appearance. Color of the foliage is a bright golden-yellow, inter-mingled with green and crimson. Habit of growth is compact and bushy, rarely attaining a height of over 6 to 8 inches and measuring 10 to 12 inches across. Each, 15c; 2 for 25c; 12 for \$1.00.

JOHN PFISTER—Same character of foliage as the Anna Pfister; also, the same habit and growth, the difference being in the coloring of the foliage, which is a bright crimson, edged and topped with old gold. Very striking. Same price as above.

COLUMBINE (See Aquilegia under Hardy Plants)**COREOPSIS (See Hardy Plants)****CORNUS (See Hardy Plants)****CORONILLA GLAUCA**

A vining plant bearing bright yellow pea-shaped flowers, which are very fragrant. 15c.

CRAB (See Hardy Plants)**CUPHEA**

CUPHEA LLAVAE—A fine new Cuphea; flowers red, white and blue; it is well adapted for general use as bedding out, pot culture or hanging baskets, and attracts great attention as a curiosity. Each 10c.

PLATYCENTRA (Ladies' Cigar Plant)—A well-known, ever-blooming plant of neat habit, growing 12 inches in height; the tube of the flower is scarlet, with the end partly white and crimson; very useful as a ribbon line or front border plant. 10c.

CLEMATIS JACKMANII—See list of hardy plants, \$1.00 each



Umbrella Plant.

CYCLAMEN

One of the finest winter blooming plants grown, and deserves to be cultivated more generally. The bulbs we offer are fine and of good strain. 25c and 50c each.

**CYPERUS
ALTERNIFOLIUS**
(Umbrella Plant)

An ornamental plant throwing up stems about two feet high, surmounted at the top by a whorl of leaves, diverging horizontally, giving it a curious appearance. Splendid for the center of vases or as a water plant; also a fine pot plant. 10c, 25c, \$1.00 and \$2.00 each.

DAHLIAS

KRAMER'S SELECT CACTUS DAHLIAS—Our collection of this most beautiful and interesting type of Dahlias is a selection of the best in form and color from a list of over 1,000 varieties. When ordering state colors and number wanted and will give you a choice assortment. Price, pot plants ready in May, 25c each; 12 for \$2.75.



Cactus Dahlia

DECORATIVE DAHLIAS—They are the most popular and valuable of double dahlias. Flowers large and full to the center. Early and free flowering. Our collection is a selection of the best, and choicest varieties. When ordering state colors and number wanted and will give you a choice assortment. Price, pot plants ready in May, 15c each; \$1.50 per dozen.

DAISY

DOUBLE ENGLISH—Very double; pure white and pink flowers. Blooms freely and makes a fine plant for growing in beds alone or with pansies. Each 10c; \$1.00 per dozen.

BLUE DAISY (See Agatha)

MARGUERITE DAISIES (See Marguerite)

SHASTA DAISY (See Hardy Plants)

DAY LILY (See Funkia in Hardy Plants)

DELPHINIUM (See Hardy Plants)

DIELYTRA (See Bleeding Heart in Hardy Plants)

DIGITALIS (Foxglove) (See Hardy Plants)

DOGWOOD (See Cornus in Hardy Plants)

ECHEVERIA

A little succulent plant, commonly called "Old Hen and Chickens." Used in parks and cemeteries for ribbon beds and borders. Each 10c; dozen \$1.00.

EUPHORBIA SPLENDENS (Crown of Thorn)

This is a curious plant, having but few leaves, densely covered with spines an inch in length; blooms freely summer and winter; bright scarlet flowers with yellow center. 25c.

FORSYTHIA (Golden Bells) (See Hardy Plants)

FARFUGIUM

GRANDE—Its large, circular leaves, often nearly a foot across, thickly spotted with creamy white and yellow. Keep it in the shade. 25c, 50c and \$1.00 each.

FERNS

No plants form more charming ornaments for the parlor than these, with their delicate and beautiful foliage. The best and most valuable as plants for warden cases, ferneries and rock-work, where there is moisture and shade.

OSTRICH PLUME FERNS—Of this most beautiful and interesting class we have several varieties. Price each, 15c, 25c, 50c, \$1.00; large plants, \$3.00 to \$10.00 each.

TABLE FERNS—These are small ferns used for table fern dishes, a combination of the different varieties. Make a most beautiful ornament. In great variety. 15c each.

BOSTON SWORD FERN—It is of the same form as the Sword Fern, but has longer and broader fronds and a more drooping habit. In well-known specimens the fronds attain a length of 6 to 7 feet. A very fine plant for pots or baskets, easy to grow. Each 15c, 25c, 50c, \$1.00 and \$2.00.

NEPHROLEPIS-SCOTTII—Of much dwarfer and bushier growth than the Boston Fern. The fronds droop gracefully and are not as long and coarse as the Boston. It is a rapid grower and one of the hardiest plants for the house. Price 15c, 25c, 50c and \$1.00. Extra large \$3.00 to \$15.00.

FEVERFEW LITTLE GEM—A dwarf variety of the double white Feverfew. 10c; \$1.00 per dozen.

FORGET-ME-NOT—Everyone loves the charming little Forget-Me-Not, and it seems strange that it is not more often seen in our gardens. They are easily grown and will blossom freely and continue to thrive year after year. Each 10c to \$1.00 each.

FOXGLOVE (See Digitalis in Hardy Plants)

FICUS

ELASTICA—(Indian Rubber Tree)—Very large, smooth leathery leaves; evergreen, foliage; generally esteemed as one of the finest house plants grown, plants growing to a large size and producing enormous green leaves. 35c, 50c and \$1.00. Large plants, \$3.00 to \$10.00.

FUCHSIAS

Large Plants 25c and 50c

TRAILING QUEEN—Branches spread out and droop downward, continuing this way until the vines are 4 feet or more in length. Corolla deep velvet purple, changing to crimson; buds, tubes and sepals rosy scarlet. 15c.

NEW FUCHSIA AUTUMN LEAVES—It is a true drooping or weeping sort. The foliage coloring is wonderful and best described by its name. It is impossible for one not familiar with our forests in autumn to imagine the beauty of its foliage. The long streamers of green, red, bronze and gold, terminating with its beautiful clusters of rosy-scarlet flowers blending in perfect harmony, is magnificent. 20c; 3 for 50c.

SUNRAY—A novelty in the Fuchsia family. Very different from the other varieties in that their beauty lies in the foliage, from which it gets its name. All the colors of the sunset, clear yellow golden bronze and red are combined in the most effective way to make a pretty foliage plant. Each 25c.

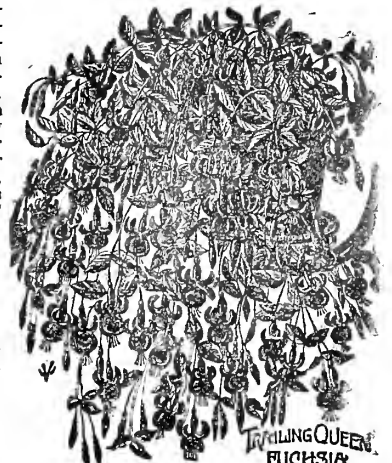
MRS. E. G. HILL—The grandest white Fuchsia ever grown. The tube and sepals are a bright reddish-crimson, corolla white, extra large and very double. Same as Phenomenal except color. 15c each.



Sword Fern—Cordata Compacta



Ficus Elastica

TRAILING QUEEN
FUCHSIA

PHENOMENAL—The largest Fuchsia grown. Tube and sepals bright coral red, the corolla, $2\frac{1}{2}$ inches across is the very richest violet shade, 20c.

GEM OF LAVINGTON—Large single corolla; rosy carmine tinted violet. 10c.

SPECIOSA—Fine blush rose tube and sepals, reddish corolla good for winter blooming. 10c.

GUIDING STAR—Sepals blush; corolla purple. 10c.

LITTLE BEAUTY—Dwarf growing. A most free-blooming variety, seldom without flowers. Sepals carmine, corolla deep lilac. Single. 15c.

FUNKIA DAY LILY (See Hardy Plants)

GAILLARDIA (Blanket Flower) (See Hardy Plants)

GERANIUMS

The most popular of all bedding plants. The great variety, richness of color and profuse blooming qualities are unequalled. Our collection contains the best in double and single. Order by color. Price, 10c each; \$1.00 per dozen. Large plants, 15c, 25c and 50c each.

FRAGRANT GERANIUMS 10c EACH **SKELETON**—Rose scented **ROSE**—Rose scented.

MRS. TAYLOR—Foliage scented; flowers scarlet.

OAK LEAVED—Leaves marked with black. Resembles the leaf of oak tree.

VARIEGATED GERANIUMS

VARIEGATED—Rose scented. 20c each.

MOUNTAIN OF SNOW—Silver variegated leaves. Flowers single; bright scarlet. 10c.

HAPPY THOUGHT—Large yellow blotches in center of leaf, with an outer bank of green at the margin; flowers rich magenta rose. 10c.

MAD. SALLEROI—(Silver Variegated)—Very compact; fine for massing or bordering; 10 inches. Leaves very small, of a peculiar green, edged pure white. 10c.

MRS. POLLOCK—(Golden Tricolor)—Bronze scarlet zone. 20c.

BRONZE—Red zone on a fine yellow ground. 10c.

WILLIAM LANGGUTH—(New Silver-Leaved)—The plant is of short, stocky growth, beautiful deep green foliage with broad, pure snow-white band. Most free-flowering of all its class. Flowers double, bright red, large. 20c.

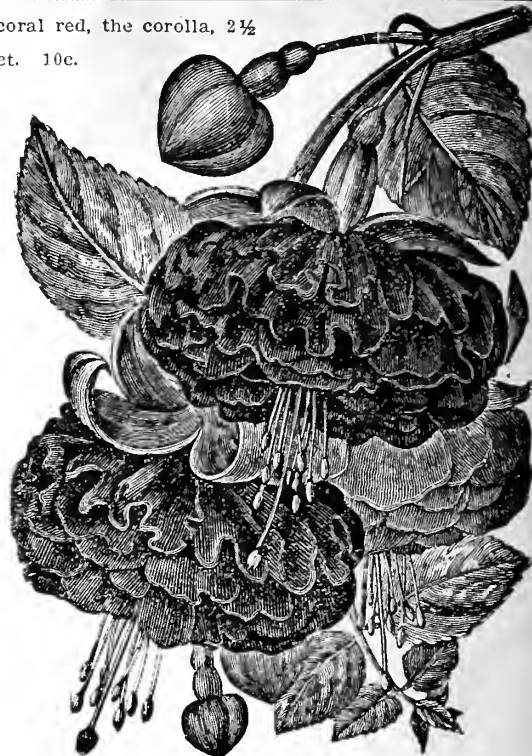
IVY LEAVED GERANIUM

GALILEE—Flowers very large and double, fine rose color. 15c.

JOAN OF ARC—The flowers are perfectly double and white. 10c.

CHARLES TURNER—Best bloomer. Color, light scarlet with soft rose tint. Two upper petals veined maroon-crimson. 10c.

L'ELEGANT—(Variegated)—Deep green foliage with a broad band of creamy white around each leaf, often margined pink besides. Each 15c.



Phenomenal

GLADIOLUS

Well known summer blooming Bulbs

EXTRA FINE—Mixed varieties; light shades. 5c each; 50c per dozen.

CHOICE MIXED—A mixture of light and dark shades. 5c each; 35c per doz.

GLADIOLUS AMERICA—In color it is a soft lavender pink, very light, almost a tinted white, spikes 2 and 3 feet long, very large spreading blooms, and luxuriant dark green foliage. Price, each, 10c; per dozen, \$1.00.

MRS. FRANCISKING—New giant flowered Gladiolus. Color light scarlet of a very pleasing shade which attracts attention at once. The flowers measuring 4 to 5 inches are borne on long stems and 4 to 5 are open on the spikes at one time. 10c each; 75c per dozen.

AUGUSTA—Pure white, blue anthers. 5c each; 60c per dozen.

BEUCHLEGENSIS—Intense fiery scarlet. 5c each; 50c per dozen.



Geraniums



Gladiolus

GLECHOMA HEDERACEA VAR

A variegated form of the common ground Ivy, which is prettily marked with pure white on a bright green ground. It is hardy and of a vigorous growth like the parent variety but unlike it, the leaves of this form have a refreshing fragrance similar to mint; excellent for hanging baskets and fine cemetery planting. 10c and 25c.

GLOXINIAS

These are among the most showy and beautiful of all our summer bulbous green-house plants; the rosette of velvet green leaves is surmounted with a cluster of trumpet-shaped flowers; the coloring is exquisite, in shades of blue, scarlet, rose, crimson and white. Mixed colors, 25c per bulb.

GOLDEN BELLS (See Forsythia in Hardy Plants)

GOLDEN GLOW (See Rudbeckia in Hardy Plants)

GYNURA AURANTIA-CA (Velvet Plant)

Velvet Plant seems an appropriate name, the leaves being always taken as artificial. Leaves and stems are entirely covered with purple hairs, shining, glistening, reflecting many new colors. Any change of position appears to alter the color of the foliage. A grand plant of the easiest growth. Price 20c.

HELIOTROPE

Price, 10c, 15c, 25c and 50c each

CHIEFTAIN—Rich violet; best winter bloomer.

MAD. BLONAY—The best; nearly pure white; dwarf; very free bloomer.

HIBISCUS

PEACHELOW (New)

Flowers are double and from 4 to 5 inches in diameter; of a charming, rich, clear pink color, with a small, and deep crimson center; an entirely new and a most beautiful shade; it blooms almost continuously. 15c.

COOPERII TRICOLOR—A handsome foliage plant, white, pink, dark red and green mottled. A plant of rare beauty. Try it. 20c.

MINATUS SEMI-PLENUS—Semi-double flowers of a brilliant vermilion scarlet; petals waved and recurved. 15c.

HOLLYHOCKS (See Hardy Plants)

HONEYSUCKLE (See Hardy Plants)

HYDRANGEA

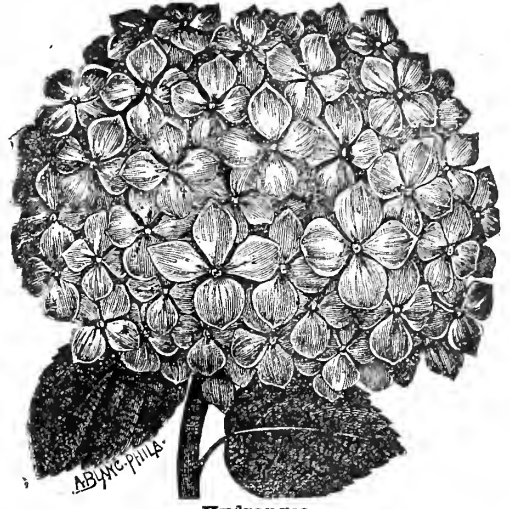
OTASKA—Very beautiful variety large clusters of bluish-pink flowers. 15c.

Large Hydrangeas
Plants 50c,
\$1 and \$2
Each

HARDY HYDRANGEA

(See Hardy Plants)

IRIS (See Hardy Plants)



Hydrangea

IMPATIENS

SULTANA—Beautiful plant, producing waxy, bright flowers of rosy scarlet almost continuously, winter and summer; suitable for either pot or garden culture. Of compact growth; almost a perpetual bloomer. Each 10c, 15c and 25c.

IPOMIEA (See Moonflower)

IVY

English—A well known variety; hardy with protection. 10c to 25c.

ENGLISH IVY, Variegated—A variegated variety of the well known English Ivy, leaves green and yellow; makes a handsome vine when well grown. 15c to 25c each.

GERMAN—Foliage light green; rapid grower. 10c and 25c.

JASMINE



JASMINE
MAID OF
ORLEANS

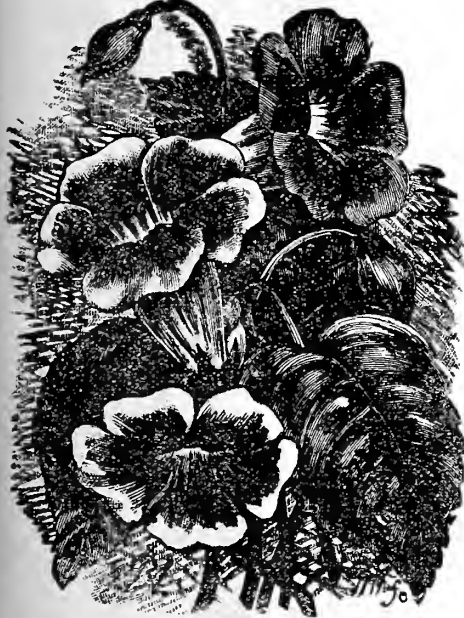
MAID OF ORLEANS—A very attractive new sort with good sized double flowers, blooming profusely all summer; shining pale green foliage; very fragrant. This variety is much more easily grown than the Cape Jasmine and is in every way more desirable. Each 25c; large plants, 50c.

NEW DWARF JUSTICIA

A great improvement over the old Justicia strain. This new sort begins to bloom when the plant has only 3 or 4 leaves, and is never out of flowers afterward. If pinched back occasionally it makes a very dwarf, stocky plant, frequently covered with 20 or 30 large pink flower heads. It is a plant for everybody to grow. 20c.



Glechoma Hederacea



Gloxinias



Peachblow



LANTANA

Strong growing, very free flowering, bedding, or pot plants, and standing the sun well. Being quite tender, they should not be planted in the ground until the weather becomes warm and settled.

ORANGE, LAVENDER, YELLOW and WHITE. 10c each.

BEAUTIFUL WEeping LANTANA

One of the few plants that cannot be too highly recommended. The plant is of very rapid growth and graceful drooping habit, with dark green foliage, producing a cluster of flowers at each leaf. The flowers are a most delicate, clear, brilliant, rosy-lilac color; entirely distinct from any other flower we have seen. Indeed, we never grew a plant that attracted and gives such general satisfaction. Price, strong plants, each 15c.

LARKSPUR (See Delphinium in Hardy Plants)

LEONOTUS (Lion's Tail)

A magnificent species of greenhouse evergreen shrubs, producing brilliant scarlet flowers. It requires a rough and sandy loam, with plenty of air. 10c.

LEMON

AMERICAN WONDER—In this wonderful Lemon we have the rich, glossy leaves like the Dwarf Orange, which are so easily kept clean. Its blossoms are waxy white, like a Tuberose, and as fragrant as orange blossoms, producing fruit 5 times as large as the ordinary



AMERICAN WONDER LEMON.

Lemon. The Wonder Lemon must take a place in every good collection of house plants. Price, first size, each, 25c; large plants, 50c and \$1.00 each.

LEMON VERBENA (See Aloysia)

LILACS (See Hardy Plants)

LILIES

The Lily is one of the most admired of flowers. Most varieties are hardy and can be planted spring and fall. Plant 3 to 8 inches deep and give a winter covering of straw or coarse manure. They are also much used for forcing for winter flowers.

AURATUM—(Gold Banded)—A Japan Lily with immense blooms of white and gold; considered by many the finest Lily. Hardy. 30c. \$3.90 per dozen.

SPECIOSUM ALBUM PRÆCOX—Pure white Lily, petals reflexed, center embellished with fine long fringe; finest white variety; hardy, 50c.

SPECIOSUM RUBRUM, or ROSEUM—One of the hardest varieties with flowers red and white, the red varying from a delicate rose to a bright crimson; very fragrant. 25c.

LILY OF THE VALLEY (See Hardy Plants)

CLIMBING LILY OF THE VALLEY

(*Withania Origanifolia*)—Also catalogued by some as "Salpicera." Its slender, profusely branched stem attains in a few months 20 to 30 feet in height, covering a large surface. The small dense, dark green foliage, which defies dust, disease and insects, produces a thick impenetrable shade, persistent until frost. It is enhanced by hundreds of white flowers similar to those of the Lily of the Valley. It is of the easiest culture. 15c.

LOBELIA

One of the best and most showy vase and basket plants; also fine bedders and excellent for ribbon lines; dwarf and free blooming; flowers blue. 10c; \$1.00 per doz.

LOPESIA ROSEA

Fine flowering plants, blooming continually from November to April. Fine for cut flowers. 10c.

MANETTA VINE (Bicolor)

Tubular flowers from 1 to 2 inches in length, flame color tipped with bright yellow; the contrast with the vivid green glossy foliage is startling, making the plant an object of rare beauty. 15c.

MADERIA VINE

A favorite climbing plant. Tubers, each, 5c; dozen, 50c.



MANETTA-BICOLOR

MARGUERITE DAISY

QUEEN ALEXANDRA—New Giant Marguerite Semi-Double Daisy. It is the only true large flowering, pure white daisy, with double, semi-double and single flowers on a single plant at one time. Flowers average 2½ to 3 inches in diameter; very beautiful cut foliage. Each 15c.

WHITE—Best white, having a ray of white petals around a salmon disc. Splendid for cut flowers. Each, 10c.

ÉTOILE D'OR—A fine light yellow. 15c.

MRS. F. SANDERS—Unlike all other Marguerites, its color is of the purest glistening white throughout; in size it frequently measures 5 inches across; the centre of the flower is a mass of closely arranged fringed florets; these are surrounded or edged by the broad, shining white ray petals. It is but rarely that a flower comes single, and when such is the case, they are as beautiful as the double forms. 15c.

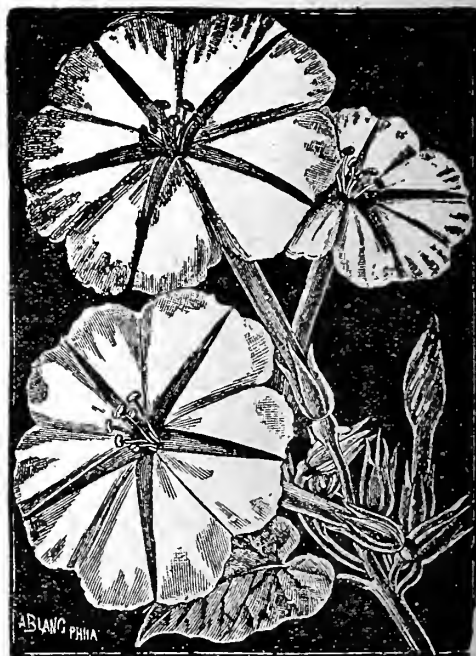
MATEIMONY VINE—(Chinese)—For description, see list of hardy plants. 25c.

MULBERRY, Weeping (See Hardy Plants)

MOON-FLOWER (Ipomea)

NOCTIFLORON (Moonflower)—Pure white, moon-like flowers, 4 inches in diameter, which open at night; as a rapid climber for covering arbors and verandas, trees or walls, it has no superior. 15c; 2 for 25c.

LEARI—Flowers deep azure-blue, 4 inches in diameter; a charming contrast to the preceding; a free bloomer. 20c.



Moonflower

MINNEAPOLIS VINE

PILOGYNE SAUVIS—It is the quickest, densest, neatest, hardest climber we know of. The vines grow with marvelous rapidity (several inches every day) and are of the most graceful appearance. The leaves resemble those of the Ivy, in shape and are produced in thousands on a single plant. The flowers are small, white, and emit the much pleasing musk scent. A single plant will easily cover a space 8 feet wide by 10 to 15 feet high. Each 15c.



DOUBLE NASTURTIUM

A most attractive and deliciously scented plant producing flowers throughout the winter and summer seasons. Fine for edging or bedding.

DOUBLE YELLOW—Yellow with a rich crimson-feathered blotch on each segment. 15c each.

DOUBLE CRIMSON—Solid crimson. Price, 15c. each.

OTAHEITE ORANGE (Dwarf Orange Tree)

Requires about the same treatment as an Oleander. A more attractive and interesting plant ornament for the window or conservatory cannot be found as at all stages of plant life growth, delicious scented flowers, fruit just forming and the ripe golden balls may be seen during the spring months in the Otaheite. We offer fine healthy plants, 25c; large plants, \$1.00.

OXALIS

Beautiful Bulbous-rooted winter and spring flowering dwarf plants; an excellent basket plant, desirable for pot culture. White or pink. 10c each; \$1.00 per dozen.

ORTGIESI, or GOLDEN STAR—Constantly loaded with clusters of bright golden flowers in forms of stars; foliage ornamental, upper surface being a dark olive-green, while the under side is a shining metallic crimson purple. 20c.

PAEONIES (See Hardy Plants)

PALMS

Are now the most fashionable decorative house and window plants. They require but little care, no more than a Geranium, beyond sponging the leaves once a week. Customers are advised to buy the large plants; the effect is immediate, and if placed in a handsome jardiniere, no more beautiful or ornamental plants can be found. In season for shipping all the year round. An elegant present for a plant-loving friend.



Latania

COCOS PALM

The most elegant and graceful of all the smaller Palms. Its slender, erect stems are freely furnished with graceful arching leaves. The Cocos are admirable for fern dishes, as they maintain their beauty for a long time. Plants 8 to 10 inches high. 50c each.



Kentia Belmoreana

ARECA LUTESCENS—Dark glossy green leaves, golden-yellow stems. 75c to \$5.00 each, according to size.

LATANIA BARBONICA

Of easy culture and rapid growth. Large, broad, fan-shaped, glossy dark green leaves. Fine plants with

Inches high	
3 to 4 leaves	8 to 10 \$.50
4 to 5 leaves	14 to 15 2.00
5 to 6 leaves	15 to 18 2.50
6 to 7 leaves	20 to 22 5.00

KENTIA BELMOREANA

The most popular parlor Palm we grow. Hardy and rugged; under all kinds of

treatment it grows sturdily on throwing up a new leaf with most satisfactory regularity. Beautifully curved and reflected deep green leaves. Fine plants with

3 leaves	10 inches high	\$.50
3 to 4 leaves	12 to 15 inches high	1.25
4 to 5 leaves	15 to 18 inches high	1.50
4 to 5 leaves	20 to 24 inches high	2.50
4 to 5 leaves	24 to 30 inches high	4.00
5 to 6 leaves	30 to 36 inches high	5.00

PHOENIX RECLINATA—Hardy and of rapid growth. Stands hard usage. A fine vase Palm. One of the best. Plants 18 to 20 inches high, \$2.50; 36 inches high, \$5.00.



PANSIES

One of the finest blooming plants for outdoor cultivation. Our stock embraces the finest mixed varieties, comprising all the various shades of colors with flowers of the largest size and form. Are raised from the choicest Giant and other mixed strains of Pansy seed and are sure to give satisfaction. 75c per dozen; \$5.00 per 100.

PERISTOPHE

AUGUSTIFOLIA—Dwarf; green, with yellow; variegated leaves; extensively used for massing or edging in ribbon beds. 15c.

PHILADELPHUS or Mock Orange (See Hardy Plants)

PHLOXES

HARDY—See list of Hardy Plants. 15c; \$1.50 per dozen.

PILEA

(Artillery Plant)

SEMPIFOLIA—The well-known Artillery plant. 10c and 25c.

PINKS HARDY

(See Hardy Plants)

PLUM (Purple Leaved) (See Prunus, Hardy Plants)

POINSETTIAS

PULCHERIMA—Tropical plant of gorgeous beauty, the bracts of leaves that surround the flower being in well-known specimens 1 foot in diameter and of the most dazzling scarlet. 25c and 50c.

POPPIES HARDY (See Hardy Plants)

PRUNUS (Purple Leaved Plum) (See Hardy Plants)

PURPLE FRINGE

(See Rhus Cotinus in Hardy Plants)





Chinese Primrose

PRIMULA

CHINESE PRIMROSE—This is the best and most worthy plant we cultivate for winter flowers, blooming continually from October until June, one plant producing several hundred flowers in a season.

SINGLE WHITE OR PINK—Flowers large. 15c and 25c each.

RHUS COTINUS (Purple Fringe or Smoke Tree)
(See Hardy Plants)

RIVINIA HUMILIS

A beautiful little plant with racemes of snow-white flowers followed by scarlet berries; in bloom and fruit the entire year. 15c, 25c.

ROSES

AMERICAN BEAUTY—Flowers and buds very large, color, deep glowing carmine, with rich fragrance. 20c.

BRIDESMAID—A delightful new tea rose of a fine, clear, dark pink. 10c.

CLOILDE SOUPERT—Very prolific. Flowers borne in sprays, double, pearl white, shading to a center of rosy pink, but varying sometimes on the same plant from pure white to deep silvery rose. A grand bedding variety. 10c.

CLIMBING METEOR—Grows 10 to 15 feet a season and blooms almost constantly. Buds exquisite; flowers large, beautifully shaped and of that rich, dark, velvety crimson color seen only in the Jacqueminot; fine for summer blooming. 15c.

CLIMBING CLOTHILDE SOUPERT—Flowers are double and a beautiful shell pink, forming the buds in clusters. Perfectly hardy and will stand any kind of weather. Each 15c.

GRUSS AN TEPLITZ—Unquestionably the finest brilliant red, hardy, ever-blooming garden rose. The flowers are very showy and handsome. It blooms constantly and continues covered with flowers the whole season. 10c.

KAISERINE AUGUSTA VICTORIA (Hybrid Tea)—A deliciously fragrant white rose. A strong, vigorous grower and constant bloomer; the flowers are so double that the petals seem to crowd each other are the very largest size. 10c.

KILLARNEY—A strong, robust grower and a free, continuous bloomer. The color is brilliant sparkling pink; the flowers are extra large and full, with broad, thick petals and delightful fragrance. A rose of great beauty and excellence. 15c.

HERMOSA—Pink; very double. 10c.

LA FRANCE—Peach color shaded pink or silvery rose; one of the most fragrant roses grown. 10c.

MY MARYLAND—A very choice summer rose of a bright salmon pink with pale edges. It is very free to bloom and is remarkably fragrant. 10c.

PERLES DES JARDINS—Richest yellow, large size, perfect form and tea-fragrance. 10c.

RICHMOND—Scarlet-crimson, pointed buds and tall, erect stems; handsome dark foliage, one of the most successful roses for the garden. 15c.

THE BRIDE—Milk white; very large; double. 10c.

WHITE KILLARNEY—A pure white sport from Killarney, with which it is identical. It is perfectly hardy with light protection. A strong, robust grower, flowering very freely throughout the season. The flowers are very large, buds long and pointed; erect stems and a great acquisition. 15c.

THE NEW ROSE — BABY RAMBLER, or the Everblooming Dwarf Crimson Rambler Hardy—The greatest bedding and forcing rose in existence. It blooms every day of the year in the house. Out of doors from May until November. The bush is vigorous, absolutely hardy, about 24 inches in height and the introducers claim it will bloom every day of the summer and fall until severe frosts when grown out doors. Sometimes as high as 120 flowers have been counted on a single panicle. Color bright glowing scarlet. First size, young plants, 15c each. Second size, 25c each. Large size, 4-inch pots, 50c each. Extra large size, \$1.00 to \$2.00 each.



Baby Rambler Rose

NEW HARDY MEMORIAL ROSES

These hardy and lasting Roses creep over the ground like Ivy. The leaves are glossy dark green. The flowers are borne in clusters profusely during July and August. Used extensively for covering graves, rock-work, embankments, etc. We offer five of the best sorts. Each, 15c; large plants 50c each by express.

TRIUMPH—Produces large clusters of pure white flowers 2 inches in diameter, beautifully imbricated and well formed; very sweet scented.

SOUTH ORANGE PERFECTION—Produces multitudes of the most perfectly formed double flowers. Color, soft bluish pink at tips.

UNIVERSAL FAVORITE—Double flowers over 2 inches in diameter and of a beautiful color.

PINK ROAMER—The single flowers, which are produced in close heads, are nearly 2 inches in diameter; bright, rose pink.

ROSA WICHUARIANA—Flowers pure white, single, with yellow center and have a strong Wild Rose fragrance. Shows a growth of 10 to 12 feet in a season, spreading as it grows.

DOROTHY PERKINS



Dorothy Perkins

NEW RAMBLER ROSE—As hardy as Crimson Rambler and same habit of growth. The flowers are about 1½ inches across; are borne in clusters of from 10 to 30 and are very double; the petals are very prettily rolled back and crinkled. The color is a most beautiful shell pink and holds a long time without fading. Young pot plants, by mail, each, 15c. Strong 2-year-old plants, by express, each, 50c.

WHITE BABY RAMBLER

"SCHNEEWITTCHEN" — In this bush rose we have a true white Baby Rambler, identical with the red and pink Baby Ramblers except in color, which is a pure white. Flowers continually throughout the season and is perfectly hardy with slight protection. Stock limited. Each, 20c; 3 for 50c.

CLIMBING ROSES HARDY

CRIMSON RAMBLER ROSE—The most popular and one of the best climbing roses. A hardy and strong grower producing immense clusters of bright crimson flowers. Should be in every collection. Small plants, 15c each; 2-year old plants, 50c each.

YELLOW RAMBLER (Thalia)—The color is decided yellow. Small plants, 15c each; 2-year-old plants, 50c each.

WHITE RAMBLER (Thalia)—Almost identical with Crimson Rambler, but that the flowers are pure white and sweetly scented. Small plants, 15c each; 2-year-old plants, 50c each.

PINK RAMBLER (Euphrosyne)—What is said of White Rambler applies equally to this except the color of the flowers is pink. Small plants, 15c each; 2-year-old plants, 50c each.



Crimson Rambler

THE PHILADELPHIA CRIMSON RAMBLER

It differs from the Crimson Rambler in two important particulars. First, the color is brighter, deeper, and more intense. Second, the flowers are perfectly double to the center. It is a strong, healthy grower, free and abundant bloomer. Small plants, 25c each; 2-year-old plants, each, 50c.

HARDY CLIMBING ROSE

PRAIRIE QUEEN—Dark pink, compact and globular. The hardest and best of the climbing roses. Large plants, 50c, by express.

RUGOSA ROSES

These Japanese Roses form sturdy bushes 3 to 5 feet in height. They are perfectly hardy in the most trying places, standing well the hot sun and thriving in dry or sandy soils. The dark, rich leathery foliage is oddly wrinkled; the large fragrant single and semi-double flowers of both red, rose and white, are produced in profusion throughout the summer. In the autumn they are followed by orange-red and scarlet hips or seedpods. Rugosa is extremely useful in rough situations and shrubby borders, and we know of no rose that surpasses it.

RUGOSA ALBA—Crowded with clusters of single pure white flowers, foliage dark green and glossy.

RUGOSA RUBRA—Identical with the above, except in the color, which is a beautiful red. Price, above 2 kinds, strong 2-year-old bushes, each 50c.



Russelia Elegantissima

HYBRID, PERPETUAL, OR REMONTANT ROSES

(Hardy)—These roses are vigorous growers, with flowers of large size and brilliant colors; they are double and very fragrant; the colors are of all shades, save yellow, from pure white to the deepest fiery crimson; they bloom at intervals from June to November; they are very hardy but need protection during the severest weather; fine collection of best varieties; price large imported 2-year-old plants, 50c each; \$5.00 per dozen by express only.

MOSS ROSE—Valued for their hardiness, exquisite fragrance and the beautiful effect of the delicate moss covered buds. Excellent for cemetery lots; all are hardy; 3 varieties, red, white and pink. 50c each, by express only.

RUSSELLIA

ELEGANTISSIMA—(New)—A very striking semi-trailing plant especially adapted for hanging baskets, vases or window boxes. The plant is skeleton-like in growth and covered with brilliant coral-red floret looking like a shower of delicate coral blossoms; the effect is unique and graceful. Each 15c.

RUDBECKIA (Golden Glow) (See Hardy Plants)**SELAGINELLA**

AMELLA—New. Much superior to any other Club mosses, growing with stiff and erect frond 6 to 8 inches high; bronze green. 25c.

SELAGINELLA

A beautiful low-growing moss-like plant. Fine for ferneries or planting in moist places. Each 10c, 25c and 50c.

SHASTA DAISY (See Hardy Plants)**SMILAX**

There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage; it is indispensable for cut flower work, as its hard texture enables it to keep without wilting for several days after being cut. 10c to 25c.

SNOWBALL (See Viburnum in Hardy Plants)**SALVIAS**

MRS. C. N. PAGE—Of dwarf and compact growth, seldom more than 15 inches high; literally covered with long spikes of bright scarlet flowers. Begins blooming in July, 3 weeks before any other variety. Each, 10c, 15c and 20c.

NEW SALVIA ST. LOUIS—A great improvement over the old Salvia Splendens. Grows 2½ to 3 feet high, forming large bushy plants covered with immense flower spikes, 12 to 16 inches in length, of vivid scarlet. Comes into flower early and continuous until frost. 10c, 15c and 20c.

Salvia planted 12 to 18 inches apart, and allowed full development make a brilliant hedge resembling a row of miniature flowering trees.

SANSEVIERA ZEYLANICA

Long, thick, fleshy, lance-shaped leaves, with very dark green foliage, marked crosswise with bars of white 25c, 50c and \$1.00.

SANTOLINA

A very pretty dwarf growing little plant. The foliage is finely cut and of silver gray color, thus making it particularly useful and valuable for edgings and ribbon beds, as it contrasts finely with plants of darker color or larger leaves, like Coleus. Each 10c; per dozen, 75c.

SAXIFRAGA SARMENTOSA

Generally known by the name of Strawberry Geranium. It makes one of the neatest basket plants when well grown, requiring shade and moisture. 15c and 25c.



Sansevieria Zeylanica

SMOKE TREE (See Rhus Cotinus in Hardy Plants)**SPIREA (See Hardy Plants)****STREPTOSOLEN****JAMESONI**

A valuable spring flowering plant, resembling in growth the Browalias; the flowers are lobed, nearly 1 inch in diameter, opening bright orange and passing to a rich, deep cinnamon red; it commences to flower in March continuing through June and July. 15c and 25c.



Streptosolen Jamesoni



Strobilanthes

STROBILANTHES

It surpasses the finest Coleus or Begonia, which plant it resembles in exquisite colorings of the leaves. The surface of the leaves is furnished with a bluish and metallic hue, shading into light rose, with a light green margin. The long sprays of lovely violet blossoms enhance its beauty. 15c and 25c.

SWAINSONIA

GALEGIFOLIA ALBA—Produces spikes of white flowers resembling Sweet Pea trusses, from 4 to 6 inches long, in the greatest abundance the entire year. It is a free climber and makes a very decorative window plant. 20c.

SYMPHORICARPUS or Waxberry
(See Hardy Plants)

TRADESCANTIA

A beautiful class of plants for hanging baskets, known by the name of Wandering Jew. 10c.

TRITOMA (See Hardy Plants)

TRUMPET CREEPER (See Begonia in Hardy Plants)

TUBEROSE

DOUBLE PEARL—Very dwarf, growing 18 inches to 2 feet high. 10c, 75c per dozen.

ARMSTRONG'S EVER-BLOOMING TUBEROSE

This variety blooms year after year and produces single pure-white flowers of a fragrance similar to that of the "Jasmine." It makes a splendid cut-flower and should be in everyone's garden. We have had great difficulty each year in procuring enough bulbs to keep pace with the demand for this variety. Each, 10c.

UMBRELLA PLANT (See Cyperus)

VIBURNUM (Snowball) (See Hardy Plants)

VELVET PLANT

(See Gynura Aurantiaea)

VERBENA

MIXED—These are grown from the choicest strains of Mammoth Verbena seed procurable. Their brilliancy of color render them unsurpassed. 10c; 75c per dozen. Separate colors, 10, \$1.00.

VIOLETS

ENGLISH or SWEET VIOLETS—Price, 10c each; \$1.00 per dozen. Large plants in the fall 25c, 50c and \$1.00 each.

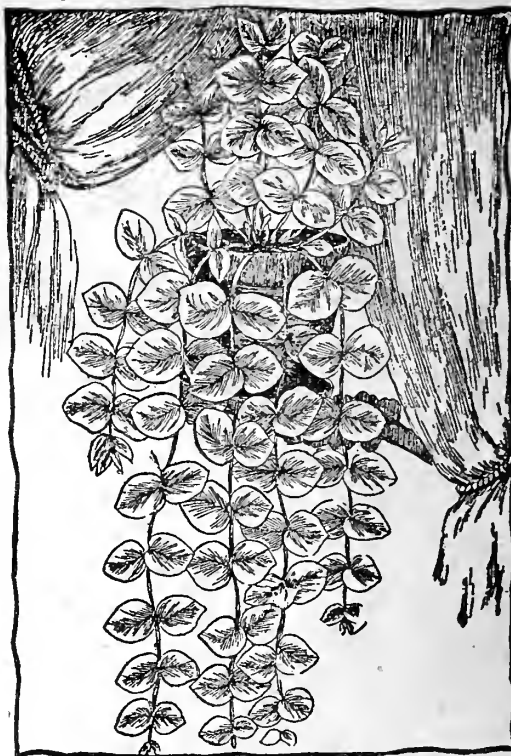
MARIE LOUISE—Double; flowers dark blue and of large size.

SWALEY'S WHITE—

A sport from the well-known Marie Louise, same perfume; flowers as large and purest white.

VINCA

RUNNING MYRTLE—Small, dark, glossy green leaves; flowers purple; hardy; excellent for basket plant. 10c and 15c. Large clumps 25c and 50c each.



Vinca—Major Variegata

MAJOR VARIEGATA—A beautiful variegated trailing plant, admirably adapted for hanging baskets and vases; glossy green, broadly margined with creamy white; flowers blue. 10c, 25c and 50c.

WANDERING JEW (See Tradescantia)

WAXBERRY or Winterberry (See Symphoricarpus in Hardy Plants)

WEIGELIA (See Hardy Plants)

WISTERIAS (See Hardy Plants)

YUCCA ALOEFOLIA

A greenhouse plant with stiff, sharp pointed leaves, having beautiful white bell-shaped flowers. Price, \$1.00 to \$3.00.

HARDY PLANTS AND SHRUBS.

By Express only

ACHILLEA. Milfoil or Yarrow

THE PEARL

—One of the very best white flowered plants for the border. The flowers are borne in the greatest profusion the entire summer on strong erect stems, pure white in color, somewhat resembling Pompon Chrysanthemum. As a summer cut bloom it is a great acquisition. 15c.

ALMONDS

FLOWERING—Double White and Double Rose.



Achillea

Each 30c; 2 for 50c.

AMPELOPSIS

VEITCHII—(Boston Ivy)—This very attractive clinging vine will be readily recognized by our readers when we remind them that its glossy ivy leaves overlap each other and its long, delicate young shoots stretch up the stone wall of our finest city residences. The tendrils at nearly every joint cling firmly to the smoothest surface of rock or wood. The glossy leaves assume in Autumn the most beautiful tint of scarlet and crimson. The handsomest vine possible for growth on house walls, especially the foundation and the first story, round the doors and windows. It is quite hardy, but some protection of straw may well be used immediately around the plant in winter. 15c, 25c, 50c.

AQUILEGIA

OR COLUMBINE. 15c each; \$1.50 per dozen.

ARISTOLOCHIA

SIPHO—(Dutchman's Pipe Vine)—A vigorous and rapid-growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its fine light-green leaves, which are of very large size and retain their color from early spring to late fall; perfectly hardy. Extra strong plants, \$1.50.

BIGNONIA

RADICANS—(Trumpet Creeper.) Another old-fashioned hardy climber. It has clusters of large, trumpet-shaped crimson orange flowers. It grows in almost any soil and under trying conditions; hardy. Each 50c.

BARBERRY

PURPLE LEAVED—Foliage and fruit of a violet purple color, very striking; fine for single specimens; also a desirable ornamental hedge plant. 25c; 5 for \$1.00. Large size 50c each.

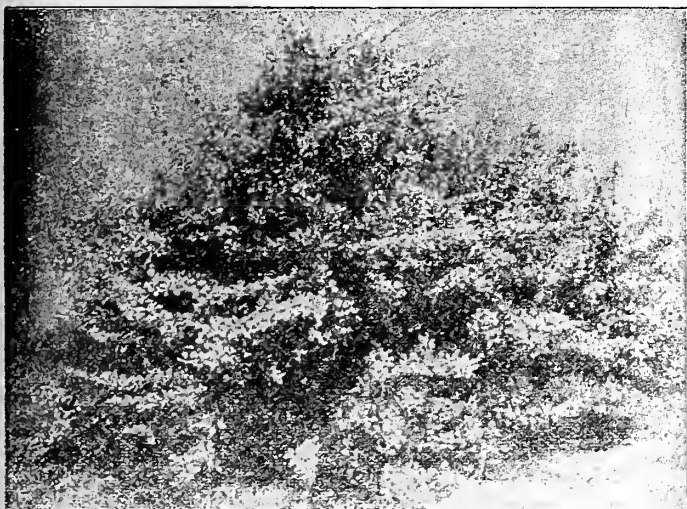
BARBERRY VULGARUS—Fine for hedges. 10c, 15c and 25c each, according to size.

BERBERIS THUNBERGII (Japanese Barberry)—One of the most beautiful shrubs in cultivation, either for hedging or general purposes. It is a neat, compact growth and never need be touched with the shears. The foliage is beautiful at all times, and in the fall turns to a most brilliant crimson color, but its most attractive feature is its fruit. The plant is literally covered with bright scarlet berries all the fall and winter. It seldom grows over four feet high. It is fine for the edge of a terrace and along roads and walks; as it is quite thorny, boys and cattle will leave it alone. Plant 15 to 18 inches apart.

Each Doz. 100

Each Doz. 100

2-yr size, 1 ft. 15c \$1.50 \$10.00 | 3-yr size, 2 ft. 30c \$2.50 \$20.00
4-yr size, 2½ ft 50c \$4.00 \$30.00 | Specimen plants ea. 75c and \$1



Berberis Thunbergii (Japanese Barberry)

BLANKET FLOWER (See Gaillardia)

BLEEDING HEART (See Dielytra)

BRIDAL WREATH (See Spirea)

CHINESE MATRIMONY VINE (See Matrimony)

CLEMATIS

The royal purple of this splendid, everblooming flower may well be said to mark it as a prince among all hardy flowering

vines. We presume every one of our customers who sees it bloom each summer promises to plant it in his own yard or garden at the next opportunity. It is especially adapted to open lawns or house fronts in the city or country. Perfectly hardy blooms throughout the entire season, bearing beautiful and lasting flowers. The varieties we offer here are those best adapted to our climate. Plant in a sunny spot in good garden soil, dug very deep, placing the crown of the roots ¼ of an inch below the surface of the soil. We recommend the application of well-rotted manure in holes a few inches away from the plant in opposite directions. The feeding roots reach out to these holes, which may be watered freely, with better success than when manure is applied directly to base of the plant.

JACKMANI — Flowers 4 to 6 inches in diameter; intense violet purple, with a rich velvety appearance, distinctly veined. It flowers continually from July until cut by the frost. Large size, \$1.00.

HENRYI — (Bangholm Belle). A strong grower. Flowers always eight-sepaled, 4 to 6 inches in diameter and pure white. Very hardy. \$1.00.

CLEMATIS PANICULATA—The best of all hardy climbers. Of rapid growth; perfectly hardy; showy foliage; thousands of sweet scented flowers on a single plant. This is one of the most desirable, handsomest and hardiest of our garden vines and it is long lived and easy to manage. It will grow up against any outbuilding, trellis, up a pole or pillar or stump. The flowers appear late in September. The extreme rapidity of growth, the showy foliage, beautiful and fragrant flowers and entire hardihood, serve to make this one of the very choicest of recent introduction. 25c and 50c each.

COLUMBINE (See Aquilegia)

COREOPSIS

LANCEOLATA GRANDIFLORA—Begins to bloom early in June and continues in flower until killed back by frost; until then it is continually one mass of golden yellow. Very valuable for cutting. June to October. 2 feet high. 15c each; \$1.50 per dozen.

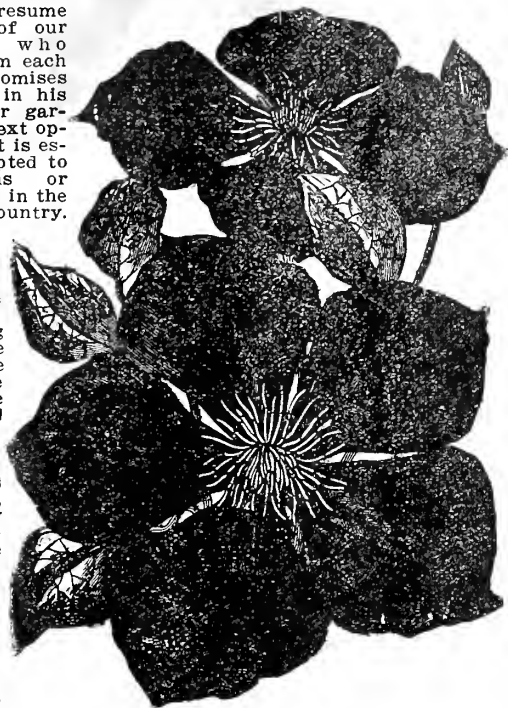
CORNUS (DOGWOOD)

SIBERICA—(Red Siberian Dogwood.) (B.) A rare and remarkable variety with bright red bark in winter. 25c and 50c each.

CRAB

BECHTEL'S DOUBLE FLOWERING—The most beautiful of all the flowering Crabs for this locality. Perfectly hardy. Trees of medium size are covered in early spring with large, beautiful double, fragrant flowers of a delicate pink color. Trees 4 feet high, each \$1.25.

DAISY, Hardy (See Shasta Daisy)



Clematis Jackmani



CLEMATIS PANICULATA.

DELPHINIUMS (HARDY LARKSPUR)

FINE BLUE—15c each; \$1.50 per doz.

DIELYTRA, OR BLEEDING HEART

Dielytra

DOGWOOD (See Cornus)**FORSYTHIA**

(**GOLDEN BELL**)—These are pretty shrubs of medium size. All natives of China and Japan. The flowers are drooping, golden yellow, and appear very early in spring before the leaves. The best very early flowering shrubs. Admired by thousands in Chicago parks. 25c and 50c each.

FUNKIA JAPONICA

(**DAY LILY**) White—This makes a handsome plant, with broad, ovate leaves, and produce pure white fragrant flowers in profusion. 50 cents.

BLUE DAY LILY—Hardy. 25c.

GAILLARDIA

GRANDIFLORA—Beginning to flower in June, they continue one mass of bloom the entire summer. Flowers 3 inches in diameter, center dark reddish brown, petals vary from scarlet-orange to crimson. 2 feet. Each, 15c; doz. \$1.50.

HIBISCUS

HARDY HERBACEOUS HIBISCUS—Perfectly hardy in any situation; grows five to eight feet high, forming dense columns; flowers five to six inches in diameter and produced in the greatest profusion from July to September. Color, salmon-pink, shaded to crimson in center. 25c.

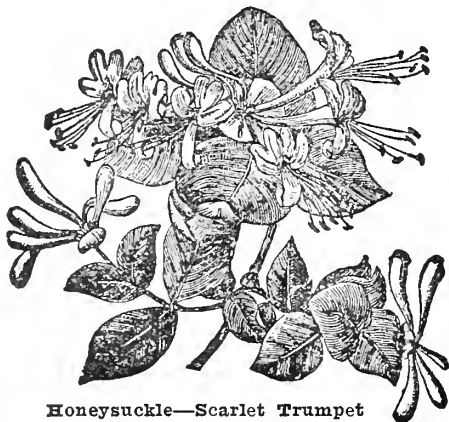
HOLLYHOCKS

These handsome, showy plants are at present great favorites. Their unique growth gives them a welcome everywhere. As a background in large borders or beds of the lower herbaceous plants there is nothing better. For planting in rows or groups on the lawn or interspersing among shrubs they are invaluable. Our stock consists of fine well-grown pot plants ready to bloom this year, raised from the best strain of Chatter's seed. Their flowers are large, double, handsome in form as a Camelia and of lively shades of color. Double mixed or in separate colors. Each, 25c; doz. \$2.00.

HONEYSUCKLE

SCARLET MONTHLY TRUMPET—Hardy, rapid grower, for rock-work. Bright trumpet-shaped flowers, 25c. Large size 50c.

HALLIANA—A variety lately introduced, considered as a great acquisition. It is a constant bloomer; flowers pure white, changing to yellow; very fragrant; good for trellis or pillar. 25c; large size 50c.

BUSH HONEYSUCKLE

Honeysuckle—Scarlet Trumpet

(**LONICERA TARTARIA**.) A shrub of spreading habit, bearing bluish-colored berries. All the upright or bush Honeysuckles are vigorous shrubs and are suited to almost any soil or exposure. They are valuable for shrubberies and for their profusion of flowers and bright-colored fruit. We offer the two colors. White or Pink. Strong bushes, 2 to 3 feet, each 50c.

DIGITALIS (Foxglove)

This old-fashioned summer-flowering perennial needs no description, succeeding under most all conditions and in almost any soil; will give the best of satisfaction. 15c each; \$1.50 per doz.

HYDRANGEA

PANTICULATA GRANDIFLORA—This is without question one of the most popular and useful shrubs we have. They are absolutely hardy in any soil and bloom the same year they are set out. They begin blooming about August 1st and continue in flower for many weeks. Especially valuable because it comes at a time when there is little else to take its place. The flowers, which are borne in dense pyramidal panicles in the greatest profusion and often measure 10 to 12 inches, are white when they first open, but gradually change to rose color and remain in good condition for weeks. These make beautiful specimens for the lawn, as they grow about five feet in height and six to eight feet in diameter, having as many as 250 clusters or flowers on at one time. Strong dormant plants, each, 25c; large size, 50c. Tree form \$1.00 each. Small pot plants, 15c.

HYDRANGEA ARBORESCENS GRANDIFLORA FORMA NOVA

(**SNOWBALL HYDRANGEA**)—This magnificent, perfectly hardy, American shrub is the very finest addition to this class of plants in many a year. The snow-white blooms are of largest size. The habit of the plant is excellent, the foliage finely finished. One of the most valuable characteristics is its coming into bloom just after the passing of all the early spring shrubs, while its long flowering season, from early June until late August, makes it a valuable acquisition in any garden. 50c and \$1.00 each.

IRIS

JAPANESE IRIS—These magnificent Iris are among the most beautiful of our summer flowering plants. They commence blooming about the middle of June and continue in bloom five or six weeks. Many of the flowers measure 8 to 10 inches in diameter. Our collection—imported from Japan—consists of the very choicest. Choice mixed varieties, each, 25c; 12 for \$2.00.

Japanese Iris in 10 choice varieties, divided roots, 35c; \$4.00 per doz.

GERMAN IRIS—Another good old flower, as handsome as an Orchid, now to be found in many new colors. A striking flower of crepe-like texture and most exquisite coloring, the gauzy veining reminding one of the delicate tracing of the butterfly's wing. They bloom in May, when there is a dearth of really fine flowers. Mixed Varieties, 10c each; 12 for 75c.

German Iris, Separate Colors, 15c each.



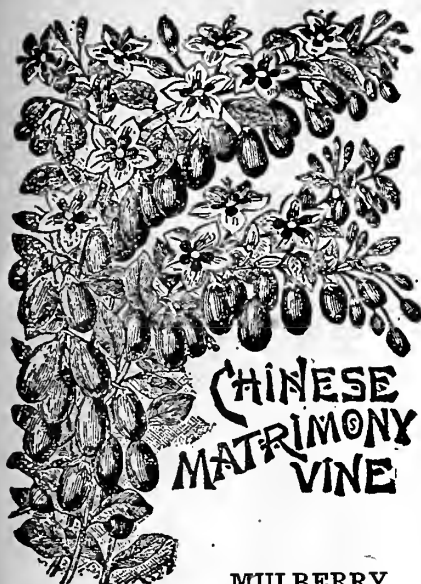
Japanese Iris

LARKSPUR (See Delphinium)**LILACS**

Their great clusters of fragrant flowers are too well known to need description. They grow freely and flower profusely, thriving in poor soil, stand abuse, neglect, drought, heat and cold. Small size, 25c; large size, 50c and \$1.00.

LILY OF THE VALLEY

Will thrive in any common soil and shady situation where few other plants will succeed. 10c; 60c per dozen.

MATRIMONY VINE (Lycium Chinese)**MULBERRY**

Hardy and a most vigorous climbing plant covered with bright purple flowers, which are succeeded by brilliant scarlet berries nearly an inch long, each branch being loaded with them; the contrast between the glossy, dark green foliage and shining scarlet fruit is extremely beautiful. It continues flowering and new berries are forming from the late spring until frost. The berries ripen in early autumn and remain on the vines late into the winter. It will grow and thrive in any situation, either shade or bright sunlight, and will take root in any soil. 25c each; large size 50c.

TEAS' WEEPING—The most beautiful weeping tree of recent introduction, wholly unlike anything heretofore introduced. The slender branches grow downward parallel with the stem, forming an umbrella-like shape. All who have seen it agree that in light, airy gracefulness, delicacy of form and motion, it is without a rival. It undoubtedly takes the foremost place among weeping trees. It has beautiful foliage, is hardy, enduring the cold of the north and the heat of the south, safe and easy to transplant. Admirably adapted for ornamenting small or large grounds, or for cemetery planting. Trees 6 to 8 feet, with 3-year-old heads, each \$2.50; 3 for \$7.00.

PAEONIES Double large flowering in red, white and pink, fine two eye roots. Each, 35c; 3 for \$1.00.

FIFTY NAMED VARIETIES—A fine collection of the best varieties, 75c each.

PHILADELPHUS CORONARIUS, or MOCK ORANGE—Tall growing and one of very best flowering shrubs; perfectly hardy; covered in summer with large clusters of sweet-scented, pure white flowers. 50c, \$1, \$2 each.

**Hardy Phlox**

PHLOXES HARDY, or PERENNIAL—Few plants give greater satisfaction to the amateur than the Phlox. The ease with which it is cultivated, entire hardiness, their extended season of blooming and varied and beautiful color of flowers make them very desirable. In variety, 15c; \$1.50 per doz. Large, 25c each; \$2.50 per doz.

PINKS HARDY GARDEN, or SCOTCH—Splendid for borders and cemetery planting. Each, 25c.

POPPIES HARDY (Papaver Orientale)—Nothing can equal these in gorgeous effect and, whether planted singly or in masses, their large flowers, rich coloring and freedom of bloom render them conspicuous in any position. They grow 3 ft. high, bloom from May to August, 15c each, \$1.50 per doz.

PRUNUS PISSARDI—(Purple leaved Plum.) (A.) The finest purple-leaved small tree or shrub. The young branches are a dark purple; leaves when young are lustrous crimson, changing to a dark purple, and retain this beautiful tint till they drop, later in autumn. The tree is covered early in spring with small, single white flowers, which appear before the leaves. Beautiful as lawn specimens, or grouped with other shrubs and trees for the foliage effect. 50c each.

RHUS COTINUS

(**PURPLE FRINGE, or SMOKE TREE**)—A common old shrub that is known under the name of "Purple Fringe" or "Smoke Tree," but rarely seen in perfection because of bad pruning. In good soil and allowed to develop naturally, it is exceedingly ornamental. 3 ft., 50c.

RIBES, or FLOWERING CURRANT

ALPINUM. (B.) An attractive shrub with fragrant golden-yellow flowers and deep scarlet fruit. 2½ feet. Bushy. 50c.

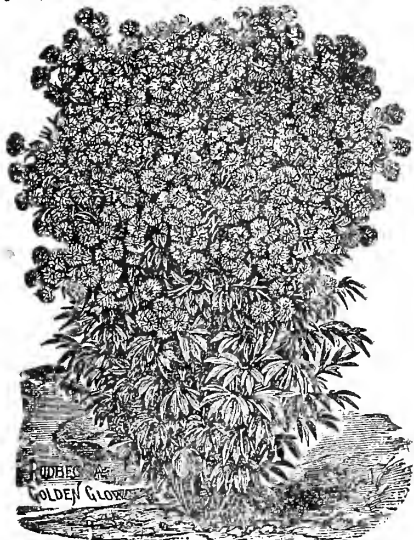
AUREUM. (B.)—(Yellow Flowering, or Missouri Currant.) A native species, with glabrous shining leaves and yellow flowers. June and July. 3 to 4 feet, 50c.

ROSES, Hardy (See Roses) Pages 36 and 37

RUDBECKIA

DOUBLE RUDBECKIA — GOLDEN GLOW—This is decidedly one of the brightest and most showy among the hardy plants and of the easiest culture possible. The plant is compact, growing four to five feet high, producing numerous stems, which are laden with double golden-yellow flowers, in size and general appearance resembling a Cactus Dahlia. Excellent for cut flowers, lasting well when cut. Should find a place in every garden. Each, 15c.

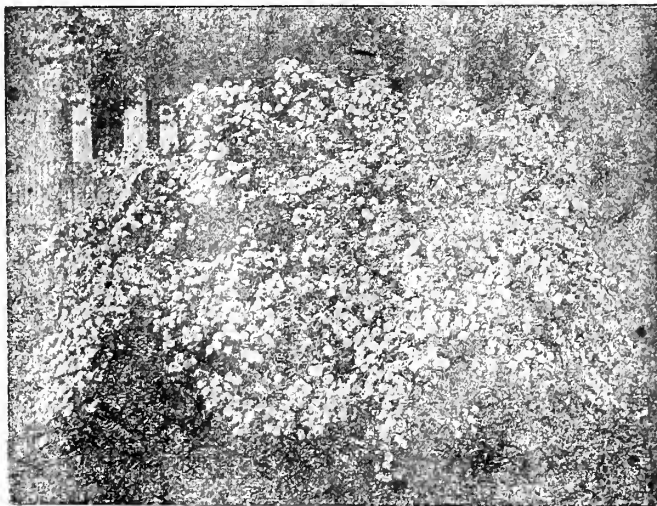
SHASTA DAISY
Perfectly hardy, of easy cultivation and blooms for several months; the flowers are large, averaging a foot or more in circumference, with large, broad petals of purest white. One of Mr. Burbank's productions. One foot June to October. Each 15c; 12 for \$1.50.

**Rudbeckia—Golden Glow**

One foot June to October. Each 15c; 12 for \$1.50.

SPIREA

NEW HARDY SPIREA, Van Houttei—A splendid new garden shrub; entirely hardy and one of the most beautiful of all; immense bloomer; pure snow-white flowers, borne in elegant plume-shaped clusters all over the plant. No other shrub equal to Spirea Van Houttei for hedge. 25c, 50c, \$1.00 and \$2.00.

**Spirea Van Houttei (Bridal Wreath)**

ANTHONY WATERER (B.)—(Perpetual-blooming Red Spirea.) A fine, hardy, perpetual-blooming shrub, very desirable for the lawn. Makes nice, round bushes at 3 ft. high and wide; beginning to bloom almost as soon as planted; rose red flowers in large, round clusters all over the bush. 1 ft., Bushy, 25c; 1 to 1½ ft., Bushy, 50c.

SYMPHORICARPUS

(ST. PETER'S WORT, OR WAXBERRY)—Small native shrubs much used in shaded places and in open masses. They grow well in almost any soil, are quite hardy and very ornamental, especially so when covered with berries in fall and winter. They grow 3 to 6 ft. in height, have small leaves and slender branches.

BOCEMOSUS. (B.) (Snowberry.) July and August. Small red flowers, succeeded by abundant white berries. 50c each.

VULGARIS. (B.)—(Indian Currant.) A shrub of very pretty habit. Foliage, flowers and fruit small; fruit purple, hangs all winter. 50c.

TRITOMA

(RED-HOT-POKER PLANT; FLAME FLOWER, or TORCH LILY)—Pfizer (The ever-blooming Flame Flower.) Surpasses the finest Cannas for attractiveness and brilliancy; blooms incessantly from August until November. Plants show from 6 to 10 grand flower-stalks all the time, each holding at a height of 3 feet a great cluster of flame colored flowers. Not hardy in our northern states and would advise taking up in the fall. Each, 25c.

TRUMPET CREEPER (See Bignonia)

Old-Fashioned Snow-Ball. 50c and \$1.00 each.

VIBURNUM STERILIS

WAXBERRY (See Symphoricarpus)

WEIGELIAS

Sometimes also classed as Diervillas. The shrubs bloom after the lilac, in June and July. They make a strong growth, erect when young, gradually spreading and drooping into most graceful shape with age. Their large flowers are of wide trumpet-shape of all colors from white to red, and borne in clusters thickly all along their branches.

CANDIDA—White flowering Weigelia, flowering throughout the summer, 50c each.

EVA RATHKE—A charming new Weigelia. Flowers brilliant crimson; flowering throughout the summer. This is the best of all Weigelias. 50c each.

ROSEA—A beautiful shrub, with rose-colored flowers in May and June. 50c each.

SIEBOLDI VARIEGATA—Upright, compact grower; foliage heavy and vigorous, light crimson green margined with creamy white, which changes to pure white; flowers clear rose. 75c each.

WINTERBERRY (See Symphoricarpus)

WISTARIAS

A family of elegant climbers; grand for walls, which from their vigorous growth they soon cover. Flowers are borne in long, pendant clusters.

ALBA—Flowers white, in drooping racemes. 50c each.

MAGNIFICA—Dense clusters of purple-lilac flowers. 25c each. Large plants 50c each.

Hardy Bulbs for Fall Planting

Hyacinths, Tulips, Daffodils, Narcissus, Jonquils, Crocus, Lilies, Snowdrops, Scilleas, Etc.

Remember they must be planted in the Fall. They cannot be planted in the Spring. Send for price list in September

SMALL FRUITS SHOULD BE SENT BY EXPRESS OR FREIGHT

BLACKBERRIES

Plant in rows 8 feet apart in the rows. If to go by mail, add 5c each for postage.

SNYDER—The old reliable; fruit rich and melting; no core; very hardy; best for rich black soil. 60c per doz.; \$3.00 per 100.

CURRANTS

If to be sent by mail add 10c each for postage.

FAY'S NEW PROLIFIC—The best large Red Currant, larger and more prolific than any other. The bushes are of vigorous growth and extremely prolific. 2-year-old, each 25c; doz. \$2.50.

CHEERY—Very large and productive, most popular sort, 2-year-old, each, 20c; dozen, \$2.00.

WHITE DUTCH—Similar to Red Dutch, except in color. 2-year-old, each, 20c; dozen, \$2.00.

Fine 4 and 5 year old plants of the above varieties, 50c each.

GOOSEBERRIES

Should be sent by express. If to go by mail add 10c each for postage.

DOWNING—Largest of our native gooseberries; pale green; sweet. 2 year old, 25c each; 3 for 65c; doz., \$2.50; 100, \$15.00.

INDUSTRY—The fruit is of large size, pale red and very sweet; plants stronger than old English sorts. 2-year-old, 25c each; dozen, \$2.50; 100, \$15.00.



RASPBERRIES

(If to go by Mail, add 5c each for Postage)

CUMBERLAND—Coal black, extra large and tremendously productive, very hardy and a strong grower. Claimed to be the very best variety grown. 75c per dozen; \$5.00 per 100.

THE KANSAS—One of the best black caps. As large or larger than the Gregg; jet black, firm, handsome and of the best quality; exceedingly productive. 50c per dozen; \$2.50 per 100.

CUTHBERT—Bright red, very large, extremely prolific; hardy standard sort; best for family use; upright growth. 50c per dozen; \$2.00 per 100.

GREGG—Large black cap; heavy bearer; an old favorite sort. 50c per dozen; \$2.00 per 100.

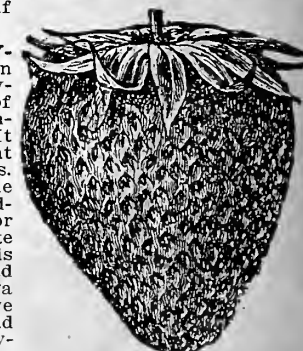


STRAWBERRIES

SENATOR DUNLAP—Considered the best and most satisfactory of the standard varieties. It resembles the Warfield in size and color; ripens at the same time and remains in bearing longer; has a perfect blossom; is hardy and wonderfully productive. Price, 25c per dozen; \$1.00 per 100; \$5.00 per 1,000. Add 10c per dozen for postage if to be sent by mail.

NEW EVERBEARING STRAWBERRY—PROGRESSIVE—An entirely new everbearing strawberry. It combines the qualities of a good spring as well as a summer and fall bearing variety. It resembles the Dunlap in plant habit of growth and hardiness. Spring set plants will fruit the first year. Fruit is of good medium size with slight neck. Color deep red inside and out, quite firm, quality rich and sweet. This variety is highly recommended by Mr. S. A. Beach of the Iowa Agricultural College. We have grown this variety ourselves and believe it to be first class in every way. The type has been so thoroughly established that it is equal to the standard varieties in hardiness, quality and productiveness. It also has the same habit of growth sending out runners in abundance which are strong, vigorous and healthy. A full crop of the choicest fruit is produced at the regular fruiting season. In about three weeks after the regular crop is harvested they commence fruiting again and continue to throw up new fruit stems until killed by frost, a single plant often having as high as 50 to 100 blossoms, green fruit and ripe fruit on at one time. A true everbearing strawberry which should be planted by all lovers of the best of all small fruits. Price 20c each, \$2.00 per dozen.

EVERBEARING STRAWBERRIES FROM SEED—Strawberries are easily grown from seed but do not always come true to name of variety from which seed is saved. However, the results obtained in watching the development of nature in producing so great a variety from the original is very interesting and highly instructive as well as profitable and will more than repay for the trifling expense and labor required. The seed offered is saved from the new Everbearing Strawberry, the Progressive. Do not fail to try them. Price, pkt. 15c.



GRAPES

If by mail, add 5c each for postage.

CONCORD—Well known and reliable. The best general crop grape, 2-year-old, each 20c; dozen, \$1.75.

MOORE'S EARLY—Black; bunch medium; excellent quality; very early; a week or more before Concord. 2-year-old, each, 20c; dozen, \$2.00.

DELAWARE—The bunches are small, compact shouldered; berries rather small, round; skin thin, light red; flesh very juicy. 2-year-old, 25c.

NIAGARA—Fine, white grape, bunch large. 2-year-old, each, 20c; dozen, \$2.00.

FARM SEEDS

DISCLAIMER—While we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty express or implied. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.

I. N. KRAMER & SON

Prices subject to market change without notice. If to go by mail add 8c per pound for postage on all farm seeds.

Please note that the prices given on all Farm Seeds are **Net F. O. B.** at Cedar Rapids, and subject to market change without notice, the purchaser paying all transportation charges. We make no charge for cartage. Bags extra, 25c each, unless otherwise noted. Write for special prices on large quantities.

BIRD SEED

We carry a complete stock of bird seed and furnish the best and cleanest grades. Price subject to market changes.

MIXED BIRD SEED—Per lb., 20c, postpaid.

CANARY, RAPE, MILLET, HEMP—Each, per lb., 20c, postpaid; 10c per lb., by express.

JAPANESE BROOM CORN



BROOM CORN

IMP. EVERGREEN

—The best variety for general cultivation on account of color and quality of brush, ripens very early, grows about 8 to 10 feet high, brush of good length, fine and straight and always of green appearance when ripe, and will not get red in the field before it is cut. Price, lb., 25c, postpaid; 10 lbs. by express, 90c; 50 lbs., \$3.50.

BUCKWHEAT

NEW JAPANESE

—Large kernels, most productive and earliest. Stands up well and makes the best flour. Price, lb., 25c, postpaid; bu. \$2; bags extra 25c.

EARLY AMBER CANE



SUGAR CANE, EARLY AMBER.

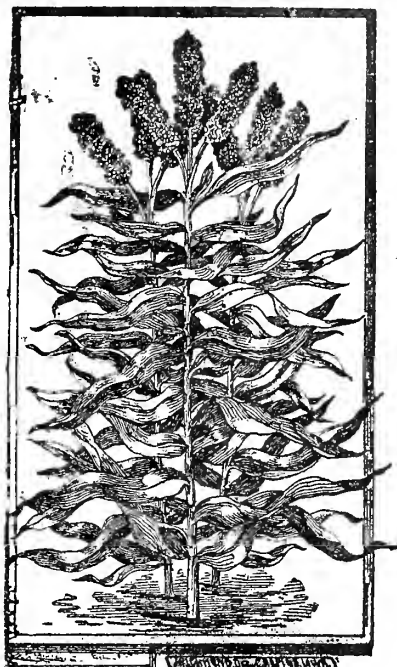
stituted for buckwheat flour. Extra select seed, Linn county grown, per lb. 20c; 3 lbs. 50c, postpaid. By freight, 10 lbs. 60c; 25 lbs. \$1.25; 100 lbs. \$4.50. Bags extra, 25c. Price of southern grown seed given on application.

CHUFAS, or EARTH ALMONDS

Used to fatten hogs. The nuts grow under the ground very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April, in rows 3 feet apart, and 8 to 10 inches apart in the row. If seed is dry, soak before planting. Sow 15 lbs. of seed per acre. Pkt. 10c; lb. 30c, postpaid. By express, lb. 20c; 10 lbs. \$1.75.

KAFFIR CORN

One of the best forage plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stock when the first seed heads come into bloom. The second growth, springing up at once from the roots, will mature (in a climate similar to Central Kansas), a full crop of grain and a second full crop of forage before the middle of October. Sow in rows 3 feet apart, 3 to 5 pounds of seed to the acre. Pkt. 5c; lb. 20c; 3 lbs. 50c, postpaid; not prepaid, 10 lbs. 50c; 100 lbs. \$2.50.



Kaffir Corn

Entirely distinct. It grows 6 feet, yields 10 tons green fodder per acre. When cured it makes an excellent quality of hay, and is a much relished green fodder. Cure as you would a heavy crop of clover. It may be sown from the middle of May to the 1st of July, broadcast; at the rate of 15 pounds per acre; but it is better to sow it in drills, 12 to 15 inches apart, using 10 to 12 lbs. per acre, and cultivate until 15 inches high, when its rapid growth will smother all weeds. lb. 25c, postpaid. By freight or express, 10 lbs. 60c; 50 lbs. \$2.50; 100 lbs. \$4.50. Bags 25c each extra.

COW PEAS

A highly fertilizing and valuable fodder. Can be grown as a second crop, after wheat, in the north. The pods may be harvested for the grain, and the plant plowed under to fertilize the soil. The seed is ground and used for cattle fodder; stalks and leaves also make excellent fodder, fed green. Poor, sandy land may be greatly improved by plowing under a crop of Cow Peas, and thus made into fertile loam. Plant in thoroughly pulverized soil. Do not sow until the soil has become thoroughly warm.

BLACK EYE WHIPPOORWILL—Pkt. 10c; pt. 20c; qt. 35c, postpaid; pk. \$1.25; bu. \$4.00.

CANADA FIELD PEAS

Very valuable in the northern states for cattle feeding. Excellent for horses and pigs when sown with oats. With the present season's high prices for oats, farmers will find it very profitable to sow these peas with oats for feed. We have a splendid grade of northern grown fancy seed. Sow broadcast and harrow in at the rate of 2 bushels per acre; if sown with oats use one bushel. Pk. \$1.00; bu. \$3.00. Write for prices on larger lots. Bags extra, 25c each.

SOJA BEAN, or SOY BEANS

One of the most nutritious of all vegetable products. It will produce a crop of 20 to 30 bushels per acre and is as easily grown as other beans. For pasturing or feeding as green fodder, it is very valuable and nearly equal to clover for fertilizing. It also has a further notable use and for that purpose has been widely advertised and sold recently. It is called the German Coffee Berry; also the American Coffee Berry. When roasted and ground, it tastes so much like Brazilian coffee the difference is scarcely perceptible. It is certainly the best of all substitutes for coffee yet found. Sow ½ bu. per acre broadcast or 1 gallon per acre in drills 3½ feet apart and 1½ feet between the plants, dropping 2 or 3 in a hill. Price, large pkt. 10; ½ lb. 20c; lb. 35c, postpaid. By express or freight, per pk. \$1.00; per bu. (60 lbs.) \$4.00. Bags 25c each.



SOJA BEAN, OR GERMAN COFFEE BERRY.

PEANUTS

SPANISH—The earliest variety grown; pods are small, but remarkably solid and well filled. Interesting for children. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for the bushy habit of the plants. Pkt. 10c; lb. 45c, postpaid.

MAMMOTH VIRGINIA—The most profitable variety to grow as a market crop, though not so early as Spanish; more easily cultivated; very erect stems and upright foliage with large pods and kernels. Sow in drills 4 feet apart, placing the nuts 6 inches apart. Pkt. 10c; lb. 45c.

DWARF ESSEX RAPE

Think of it. It costs only 50c to seed an acre. Farmers of the United States are just beginning to find out, what England has known for many years, that the Fodder Rape is the most valuable green feeding plant known, especially for sheep. Dwarf Essex Rape is easily grown and perfectly hardy, and possesses remarkable fattening properties. One acre will pasture 36 head two months. Pigs and cattle are very fond of it. When sown in June the Rape will have to be fed during August, though if the first crop were cut about 4 inches from the ground, there would be a second growth that would be useful after that time. For the breeding flock, a piece should be sown about the first week in July, with some even later, and the chances taken on its withstanding the drouth. It does well sown with oats. After the oats are cut, the Rape grows rapidly. From ½ acre there was cut 9¼ tons of green Rape, or it yielded at the rate of 19 tons per acre. If the soil is rich and clean, sow broadcast; if not so clean, sow in drills and cultivate as for corn. Rape is especially adapted for a catch crop, succeeding well when for any cause other crops have failed; as it, like turnip, makes its growth late in the season, it can be grown on stubble, and will furnish excellent pasturage when much needed in the fall. When sown broadcast use 5 lbs. and if in drills, 2 lbs. to the acre. True Dwarf Essex Rape, pkt. 10c; ¼ lb. 15c; lb. 30c, postpaid. By freight or express, 10 lbs. \$1.00; 50 lbs. \$4.50; 100 lbs. \$8.00. Be sure and get the genuine. Bags extra, 25c each.

MAMMOTH RUSSIAN SUNFLOWER

Single heads measure 12 to 22 inches in diameter, and contain an immense quantity of seed. An excellent cheap food for fowls. Every farmer should plant some of the seed in any waste piece of ground. The stalks, when dry, make a good hot fire, while the seed-heads, with the seed in, make a better fire than hard coal. Four quarts of seed will plant an acre. Pkt. 5c; lb. 20c, postpaid.

WINTER VETCH

VICIA VILLOSA—The Winter Cover Crop. Also called Sand or Hairy Vetch. This is a hardy legume sown in the northern states in the fall months; growing well that season, and remaining green all winter. It supplies a place in the north that the less hardy crimson clover does in the south. As a winter cover crop, it prevents washing or leaching of soil during the winter, and at the same time being a nitrogen gatherer, enriches the soil. Vetch also furnishes a very valuable hay or pasture. Drill for cover crop, 10 to 12 lbs. per acre. For hay use, 1 bushel. Lb. 35c, postpaid; bu. 60 lbs. \$10.00. Write for latest prices in fall.

SPRING VETCH, or TARES

VICIA SATIVIA—(Oregon Vetch)—Sown broadcast at rate of 1 to 1½ bushels to acre, like wheat or barley, and sometimes mixed with oats for soiling. Valuable for orchards. Used in France and Canada as a substitute for peas. Culture same as field peas. Per lb. 30c; pk. \$1.50; bu. \$5.00. Bags 25c extra.

VEGETABLE FARM CROPS

Many of our best and most profitable farm crops are listed in this catalogue among the vegetables, and we have thought best to call our farmer friends attention to them at this point, for fear they might be overlooked or not appreciated, because they did not appear in the Farm Department.

MANGEL and SUGAR BEETS

(See p. 2). Are of special value to the stock feeder and produce enormous crops.

CARROTS

(See p. 3). Are another root crop producing heavy crops and recommended to the horseman and dairy farmer.

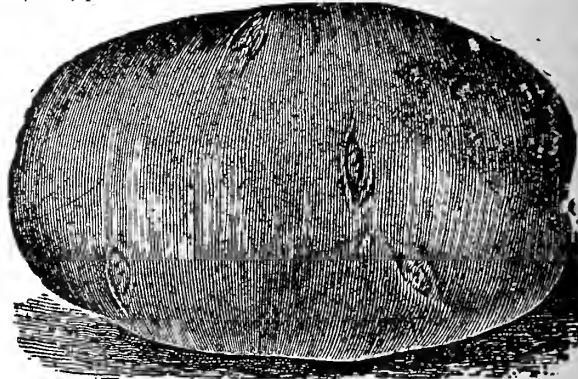
PUMPKINS

(See p. 9). Two crops in one field if you plant them in the corn. Seems like there are never enough in the markets. Would also recommend the growing of Cabbage, Onions, Squash and Turnips.

SEED POTATOES

Prices Subject to Market Change. If to go by Mail add 8c Per Pound for Postage

CARMAN NO. 3—This is Mr. Carman's grand success in breeding up a late main crop variety, and it is the coming standard potato everywhere. In it he has succeeded in fixing those desirable points so valuable to every potato grower: 1. Very large and handsome. 2. Remarkably productive. 3. All large tubers are compact in the hill. 4. High table qualities, no hollow center or hard core, skin and flesh white, eyes few and shallow, will keep without trouble until planting time. Bu. \$1.75; pk. 60c.

**Improved Early Ohio**

IMPROVED EARLY OHIO—The old Early Ohio ranks high as an early market variety. We have an improved strain of this potato, have eliminated the split ends which were so distinctive a mark on the old Ohio and obtained tubers smoother skinned and more uniformly shaped than the original variety, and increased its yielding qualities one-third, so that we now have the finest stock of unmixed and genuine improved Ohios in this country. Bright and free from scab and sure to please you. Red River grown stock. Bu. \$2.25; pk. 60c.

RURAL NEW YORKER NO. 2—Large and smooth variety of excellent quality; white skin and flesh, with few and shallow eyes. Bu. \$1.75; pk. 55c.

IRISH COBBLER

A chunky white netted early potato of splendid quality. Eyes are strong and well developed; flesh cream white, of excellent quality. Ripens one week later than our Improved Ohio, but of much better quality. Especially suited for dry climates on account of its deep roots. Is fast becoming the most popular of the early varieties. Peck 60c; bu. \$2.25.

SIR WALTER RALEIGH

An A 1 late potato. A seedling of Mr. —man's, whose work on potatoes has become famous. This is an improved Rural New Yorker No. 2. Yields almost all marketable size potatoes which are a little earlier and of better quality than Rural. (Read our description of Rural). Exceedingly fine grained and white fleshed, equaling the old Snowflake. Peck, 60c; bu. \$2.00.

WHITE OHIO

There has been nothing to equal it yet for an early potato. It is a selection from the Early Ohio and is equally as early. The quality is much superior—a fine yielder and the very best sort where a market demands a white variety. Many carloads of this variety are now raised for market in the South and West. Pk. 60c; bu. \$2.25.

SEED SWEET POTATOES

YELLOW JERSEY—Bu. \$2.50; bbl. \$5.00. Price subject to market change. Write for price and state quantity wanted.

SEED FIELD CORN

IOWA "SILVER MINE" DENT CORN—The ears measure 10 to 12 inches in length and often weigh 1½ pounds. They are very uniform in size and shape, with 16 to 20 rows deep, pure white kernels on a small white cob. It matures in about 100 days, being two weeks earlier than Champion Pearl White. It is the heaviest yielder we know, having yielded over 200 bushels to the acre. Pk. 90c; bu. \$3.00; 2 bu. or more \$2.85 per bu.; 10 bu. or more \$2.50 per bu.

REID'S YELLOW DENT—A well known variety which is very popular and has taken many prizes at various corn shows and fairs, it being grown quite largely for an exhibition corn. The ear is of excellent shape, nearly cylindrical, tapering slowly to tip; length about 9½ inches, kernels firm on cob, 18 to 24 rows, with narrow space between rows; color medium yellow with red cob. The ear is quite solid and rather smooth; matures in about 110 days and yields well. Pk. 90c; bu. \$3.00; 2 bu. or more \$2.85 per bu.; 10 bu. or more \$2.50 per bu.

IOWA GOLD MINE—One of the finest varieties grown. Quite early, with ears of good size; color bright golden yellow; grain is very deep and cob small. Pk. 90c; bu. \$3.00; 2 bu. or more \$2.85 per bu.; 10 bu. or more \$2.50 per bu.

THE LEAMING—A yellow dent variety; ears of good size, set low down and nearly always two good ones to each stalk, from 12 to 14 inches in length averaging 20 rows of deep grains. Pk. 90c; bu. \$3.00; 2 bu. or more \$2.85 per bu.; 10 bu. or more \$2.50 per bu.

PRIDE OF THE NORTH—A small dent variety, maturing in about 90 days. The stock is short and thick and frequently bears 2 good ears from 7 to 10 inches in length. Pk. 90c; bu. \$3.00; 2 bu. or more \$2.85 per bu.; 10 bu. or more \$2.50 per bu.

SILVER KING—The best and most popular white corn for northern Iowa, Wisconsin and Minnesota. It resembles Iowa Silver Mine but is smaller and matures early. Pk. 90c; bu. \$3.00.

WIMPLE'S PEDIGREE YELLOW DENT—This new and most excellent yellow dent variety originated in South Dakota. It has been grown in our locality for several years and found to be one of the best varieties for this latitude as it is extra early, of large size and will, we think, meet the requirements of those desiring an early large corn. We have a very limited quantity of extra select stock grown from seed stock direct from the introducer. This was selected and gathered by us before heavy frost and dried by steam heat. In this way it is dried quickly, before there is any possible chance of moulding or souring making it absolutely dry and of strong germination. We have made ear test of this which tested 100 per cent for the entire lot not even one grain failed to germinate. Price on the ear \$5.00 per bu. Price for South Dakota grown stock shelled, \$3.00 per bu.

HOW TO MAKE A LAWN

Some previous cultivation, or at least a thorough turning over, should be given. A clayey loam is the best soil foundation for a good lawn. Let the surface be graded to the level wanted in all parts and well rolled; a light raking following this will prepare for the seed-sowing, which should be done as early in the spring as the ground can be worked, provided the ground has not already been prepared in the fall. Three to five bushels per acre should be sown; the latter amount is best, for the young plants are but small anyway, and if thick, cover the ground better and make a smoother and more even turf. Never sow oats or other grain; you can't assist a weak plant by crowding it with a strong one. Our seed, which we believe to be pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; they are carefully cleaned and are as free as is possible to make them from weeds.

A BEAUTIFUL LAWN, with its close, velvety turf, is a most essential feature in the adornment of all suburban homes; without it the finest flowering plants and bedding seems insignificant, while with it handsome grounds are assured, even with no adornment. Second only to that prime requisite—good seed—is time of sowing, quantity to use, preparation of soil, etc.

KRAMER'S LAWN GRASS MIXTURE—(One pound for 300 to 400 square feet of lawn.) Finest quality. Lb. 40c; 10 lbs. \$3.50; bu. (14 lbs.) \$4.90.

BLUE GRASS—Best quality. Lb. 30c; bu. (14 lbs.) \$3.50.

WHITE CLOVER—Best quality. Lb. 50c. If to go by mail add 8 cents per pound on grass and clover seed.

BROMUS INERMUS—Brome Grass

The most valuable new grass which has been introduced into this country during the past 25 years and is used everywhere, from Canada to Texas, giving satisfaction. It will produce a wonderful crop of hay on land which is too poor for clover or timothy, and it resists intense cold, and also the most hot, dry weather. Forms a quick and dense sod and is a permanent grass. Grows 18 to 36 inches in height and can be cut two or three times per year. Should be sown early in the spring using 20 to 25 lbs. per acre if sown alone, or if with alfalfa use 12 lbs. with 8 lbs. alfalfa. Per lb. 30c; 3 lbs. 75c, postpaid. By freight, per bu. (14 lbs.) \$2.50.

GRASS SEEDS FOR ALL SOILS

These prices are f. o. b. Cedar Rapids, purchaser paying all transportation charges, but are subject to fluctuation. Should any article appear high, write for samples and lowest quotations based on daily market. If to go by mail add 8 cents per pound for postage. Bags extra, 25c each. If wanted in quantity write for prices.

KENTUCKY BLUE GRASS—Fancy clean seed (bu. 14 lbs.); lb. 30c; 10 lbs. \$2.50.

RED TOP—Extra clean seed (bu. 14 lbs.). Fancy clean seed (bu. 42 lbs.); lb. 35c.

ORCHARD GRASS—(bu. 14 lbs.); lb. 30c.

TIMOTHY OR HERD'S GRASS—(bu. 45 lbs.); lb. 20.

MILLET, GERMAN OR GOLDEN—(bu. 48 lbs.); lb. 10c.

RE-CLEANED CLOVER SEED

Sixty pounds to the bushel. Price subject to market change. If to go by mail add 8 cents per pound for postage.

If wanted in quantity write for prices.

MEDIUM RED CLOVER—Per lb. 30c.

WHITE DUTCH CLOVER—Per lb. 50c.

MAMMOTH CLOVER—Per lb. 30c.

ALFALFA, OR LUCERNE—Per lb. 30c.

ALSIKE, OR SWEDISH—Per lb. 30c.

INSECT DESTROYERS

LIQUID INSECTICIDES CANNOT BE SENT BY MAIL

FIR TREE OIL SOAP—For thrip, red spider, black and green fly, mealy bug, worms and slugs. Per ½ lb. tin, 25c; by mail, 35c.

FIR TREE OIL—Soluble insecticide, effectually destroying all kinds of pests to which plants are subject. Equally effective on animals and is harmless to the skin and hands when used as a wash. Full directions with each bottle. Per qt. \$1.15; pt. 75c.

WHALE OIL SOAP—One of the most effective and cheapest remedies to destroy slugs, worms and other insects on trees, shrubs, garden and house plants. Per lb. 25c; if to go by mail, add 16 cents per lb. for postage.

TOBACCO SOAP—For washing and syringing plants, trees, etc.; a valuable preparation. Per ½ lb. box, 25c; by mail, 35c.

ARSENATE OF LEAD—The best of all arsenical insecticides; does not burn the foliage and is sure death to all leaf-eating insects. Lb. 25c, by express.

BORDEAUX MIXTURE—(Liquid.) For all fungous diseases. By adding water it is ready for use. 1 pt. 50c; 1 gal. \$1.25.

PARIS GREEN—For potato bugs and other eating insects. ½ lb. 20c; 1 lb. 40c.

HAMMOND'S SLUG SHOT—Destroys bugs on Potato, Tomato, and Egg Plants, Cucumber Worms, Cabbage Lice and Worms, Flea Beetles and striped bugs on Melons, Squash, Turnips, Onions, etc.; Canker Worms on fruit and ornamental trees. Death to the Rose Bug and Cut Worm. Apply with duster or bellows. Price by express, 1 lb., 10c; 5 lbs., 35c; 100 lbs. or more at 6c per lb. If by mail, add 8c per lb. for postage.



CHASE'S KNOXWEED—Kills Dandelions, Plantain, Burdock, Thistles and other noxious weeds. It is a liquid compound and is put up in containers, with dropper attached, ready for use. A few drops applied in the heart or center of the weed and it dies, both top and root. No injury to the grass from using Knoxweed, when applied as directed. Package sufficient for an ordinary sized lawn, 50c.

FERTILIZERS

If to be sent by mail, add 8 cents per lb. for postage.

Commercial fertilizers are sure to come into more general use in the West as fast as they are tried. Their quick and direct action commend them to the gardener. The enormous quantities sold in the East give the best evidence of its utility and value to the farmer and gardener.

PURE BONE MEAL—Analysis Ammonia, 3 or 4 per cent; Bone Phosphate, 45 to 55 per cent. Every bag is guaranteed pure bone. It is made from the bone gathered from the plains, and ground without being steamed or baked. In small lots, by express, not prepaid, per pound, 10c; 5 lbs. 40c; 25 lbs. \$1.25.

BOWKER'S PLANT FOOD—A first-class plant food. Small size package, 15c; by mail, 25c; large size package, 25c; by mail, 40c.

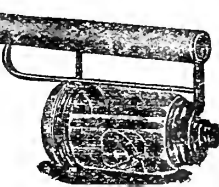
WALKER'S EXCELSIOR PLANT FOOD—Large box containing sufficient for 25 plants one year, 30c, or postpaid 45c; small package 20c, postpaid 30c.

LAWN FERTILIZER—Our Lawn Fertilizer is a most desirable article for supplying the soil with requisite food for a luxuriant growth of grass, and avoiding all the objectionable features of animal manure, as well as weeds, seeds, etc. Our customers who have had it once, will have no other. It can be applied either in the spring, summer or fall, at the rate of one pound to forty square feet. Price per lb., 10c; 5 lbs. 40c; 100 lbs. \$3.00.

NITRATE OF SODA—Should be sown broadcast, and it is very important to sow it evenly. Two or three pounds on a square rod will be beneficial. Price, per lb. 10c; 5 lbs. 40c; 10 lbs. 60c; 25 lbs. \$1.25; 100 lbs. \$4.00.

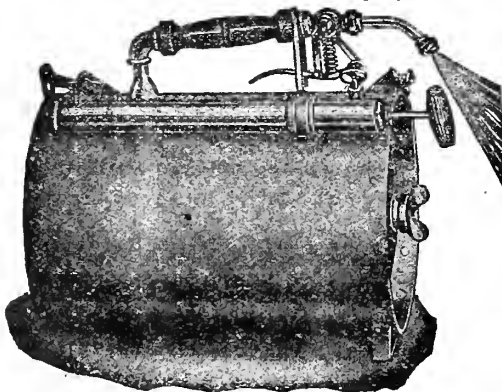
THE LOWELL SPRAYER

For applying insecticides in the form of a mist or vapor. The reservoir of this sprayer is made of glass, which enables the operator to see ingredients mixing, just how they are working. The glass sprayer will not corrode or rust, and if accidentally broken can be replaced at once with a Mason fruit jar. Price, each, 75c.



THE FOUNTAIN SPRAYER

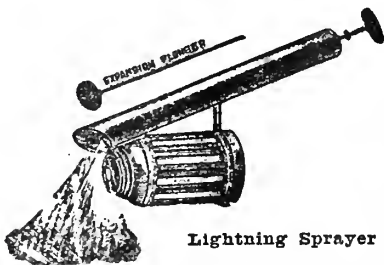
One of the best compressed air sprayers on the



Fountain Sprayer

Price, galvanized tank, \$5.00; brass tank, \$7.00.

LIGHTNING SPRAYER



Lightning Sprayer

to spray all parts of

DEMING SPRAY PUMPS

For hand or power for all uses. Descriptive catalogue free.

LITTLE GIANT BUCKET PUMP

The best hand pump made, working parts solid brass, throws

continuous stream, either solid or as a mist. Being light, it is easily carried around in a bucket, making it just the thing for spraying low bushes, trees, etc. Can be used for white-washing. \$3.50.

SPRINKLERS

SCOLLAY'S RUBBER—Indispensable for floral work and winter gardening. Beware of imitations, as this is the best. Each, \$1.00; if by mail, \$1.10. Same style, medium size, 85c; if by mail, 90c.

IRON CEMETERY CUT FLOWER VASES

Best thing in market for this purpose. First size 50 cts.; second size 75 cts.

Iron Reservoir, Lawn and Cemetery Vases in Many Styles. Send for Descriptive List



PLANT TUBS

UNION CYPRESS—These Tubs are made of 7/8-inch cypress, which insures their keeping for years without rotting. Measurements are outside of tub.

No. 1	11 1/2 in. diam.,	11 1/2 in. high,	each \$1.00
No. 2	13 1/2 in. diam.,	12 in. high,	each 1.25
No. 3	14 in. diam.,	14 in. high,	each 1.65
No. 4	16 in. diam.,	15 in. high,	each 2.00
No. 5	19 in. diam.,	18 in. high,	each 3.00
No. 6	22 in. diam.,	19 1/2 in. high,	each 3.75

TRELLISES

FAN-SHAPED—18-inch, 20c; 24-inch, 25c; 30-inch, 30c; 3 1/2 ft. by 21 in. wide, 50c.

PLANT STANDS—Wire plant stand No. 614, price \$5.50, without arch, \$4.50.

No. 590, same as below, with arch, but much larger, price \$7.00.

No. 603 (see cut), price, \$4.50.



No. 603



No. 614

No. 591, same as 603, with three shelves. Price \$7.00.
No. 506, same as 591, without arch. Price \$5.00.

THE PLANTER PATENT SEED CORN GRADER

ABSOLUTELY THE SIMPLEST, MOST PERFECT AND RAPID HAND GRADER MADE. STRONG, DURABLE AND CHEAP

The Single Screen Grader will grade perfectly by first breaking off or shelling the small tip kernels.

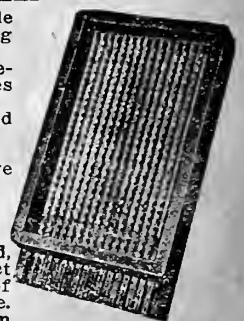
The Double Screen Grader does not necessitate this. The second screen takes care of the small and thin ones.

Three grades of seed corn can be had by its use:

1st—Large, irregular grains.
2d—Uniform large grains which we recommend for planting.

3d—Small, round and thin kernels. Plant each size if you wish.

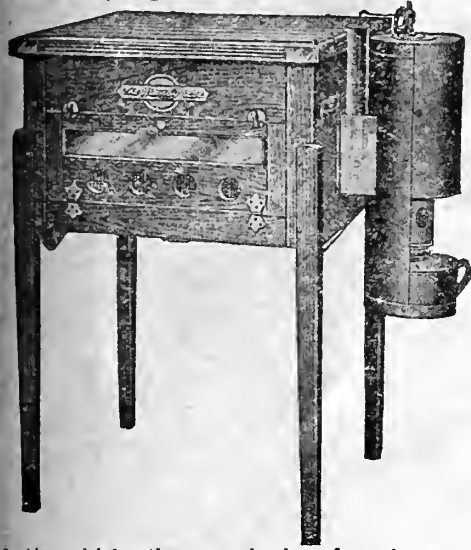
But plant them separate.
Adjust planter for each size as used, thus insuring perfect drop and perfect stand, which will increase the yield of corn six to twenty-five bushels per acre. Price, Single Screen, \$1.00; Double Screen \$1.50.



Double Screen

INCUBATORS, BROODERS AND POULTRY SUPPLIES

MANDY LEE INCUBATORS are built on an entirely new principle and are the only incubators in the world which automatically regulate heat, moisture and ventilation.

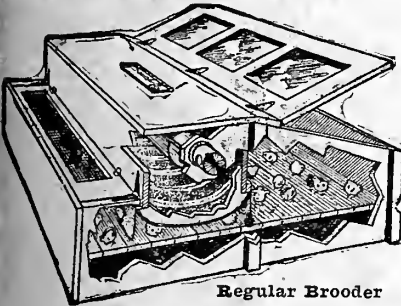


Geo. H. Lee & Co. guarantee that where instructions are followed the new **Mandy Lee incubator**, equipped with their new **Automatic Regulator** for handling heat, moisture and ventilation, will, on a series of competitive hatches of eggs taken from the same flock, beat any other incubator in the world from 5 per cent to 25 per cent, and in any climate, season or altitude.

They guarantee further that it brings better, larger and stronger chicks, also that it will bring more and

better chicks than can be had from hens covering the same number of eggs. They guarantee the larger incubators to do equally as good work as any of the smaller sizes.

Catalogue giving full description mailed on application.
 Price—60 Egg Size...\$10.00 Price—200 Egg Size...\$27.00
 Price—100 Egg Size...\$18.00 Price—280 Egg Size...\$32.00
 Price—140 Egg Size...\$22.00 60-egg size does not have Automatic Moisture and Ventilation Regulator, otherwise is same.



Regular Brooder

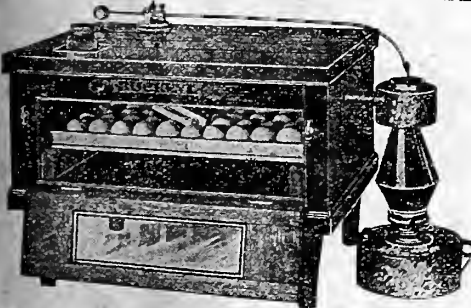
Hovers 'em like a hen.

For other sizes and full descriptions see our special Brooder Incubator Catalogue, which will be mailed free.

BUCKEYE 50-EGG INCUBATORS

Sold on 40 days' trial with an absolute guarantee of satisfaction or money back. Over 150,000 in successful operation.

BUCKEYE 50-EGG INCUBATOR "STYLE A"—Complete with Nursery.



This incubator is constructed with double walls throughout, is finished in cherry with two coats of varnish, and presents the appearance of a piece of high class furniture. It is complete, all ready to use, at \$8.00.

For larger size

HYGROMETER MANDY LEE

A new invention for determining the amount of moisture in incubators. Should be used in all kinds of incubators. Price \$2.00. Furnished free with every Mandy Lee Incubator of over 100 egg capacity.

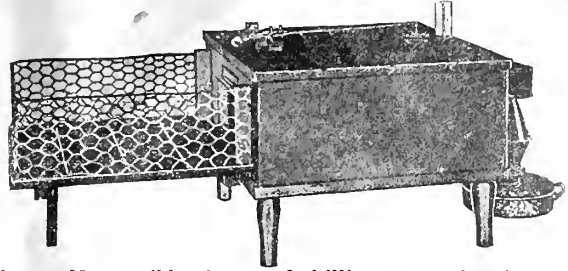
"TYCOS" THERMOMETERS can be used in any incubator 75c

THERMOMETERS for Mandy Lee incubators 75c; for Brooders 50c.



BUCKEYE 50-CHICK BROODERS

BUCKEYE BROODER NO. 1—Equipped with a thermometer that will regulate the heat to any desired temperature and keep



it there. No possible chance of chilling or overheating. This Brooder is complete with lamp, thermometer, heat regulator and yard, at \$6.00.

BUCKEYE BROODER NO. 2—Outdoor overhead hot water system. Complete, ready to use, \$8.00.

BUCKEYE BROODER NO. 3—Indoors, Lampless System, complete with yard, \$5.00.

BUCKEYE BROODER NO. 4—Outdoor, Lampless System, complete, ready for use, \$7.00.

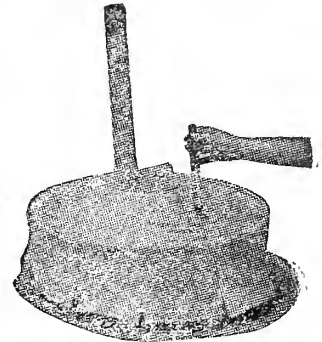
We have these goods in stock ready for immediate delivery. Forty days' trial begins from the date of arrival at destination.

KLONDYKE INCUBATORS AND BROODERS

These are strictly first class in every way; guaranteed to do the work for which they are made. Those desiring hot water machines will not go wrong in ordering the Klondyke. Descriptive catalogue and prices mailed on request.

INTERNATIONAL SANITARY HOVER

Lamp sits in center and is lifted out through the top and is warmest near the curtains. No corners for chicks to crowd in. It is portable and can be used anywhere and is strictly fireproof. Descriptive catalogue free. Price \$8.50.



BONE CUTTERS

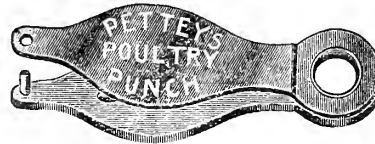
THE HUMPHREY BONE MILL—No. 2½, hand and power; \$15.00. No. 2, power only, \$13.50. No. 1, hand power, \$12.00.

MANN BONE CUTTER

No. 5-B for bench use \$8.
 No. 7, \$12.

PHILADELPHIA CAPONIZING SET

MANDY LEE LEG TESTERS
 25c



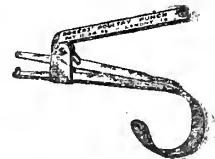
PETTY'S POULTRY PUNCH

PUNCH

25 cents

"MONEY BACK" POULTRY PUNCH

—Considered one of the best punches on the market. They are absolutely guaranteed to give satisfaction or punch exchanged or money refunded. They are the only guaranteed punch, and another feature is that the user can see what he is doing. Price 25c.



IMPROVED CHAMPION LEG BANDS



The oldest and most popular band on the market. It is made in one piece, adjustable to fit any leg. It will stay where you put it. It is impossible for it to come off, as it is held by a double lock. Made of aluminum. Prices, 12, 15c; 25, 25c; 50c, 40c; 100, 75c, postpaid.

MOE'S SELF LOCKING LEG BAND

Locked simply by pushing it together. Can be removed only by destroying the band. When ordering give breed and state whether for males or females. Price 15c per dozen; 100 for 75c.

DRINKING FOUNTAINS

MOE'S SANITARY DRINKING FOUNTAIN—Remove cover to clean; also to fill. No. 1, 1 gallon, \$1.25; No. 2, 2 gallon, \$1.75; No. 3, 4 gallon, \$2.25.

N. W. AUTOMATIC FOUNTAIN AND FEEDER—Made to fit any half gallon, quart or pint Mason jars. We do not furnish the jars. Two sizes. No. 5 with 5 inch pan, 25c; No. 6 with 6 inch pan, 25c.

MANDY LEE DRINKING FOUNTAIN—Small size, 25c; large, 50c.

FEED HOPPERS—For grit, etc., 50c.

CLOSE TO NATURE NO WASTE DRY MASH HOPPER—Will save in feed in a short time the price of the hopper. No. 1 holds 1/4 bu., \$1.00; No. 2 holds 1/2 bu., \$1.50.

CHANTICLEER FEED EXERCISER—12 qt. size, \$3.50; 24 qt. size, \$4.25.

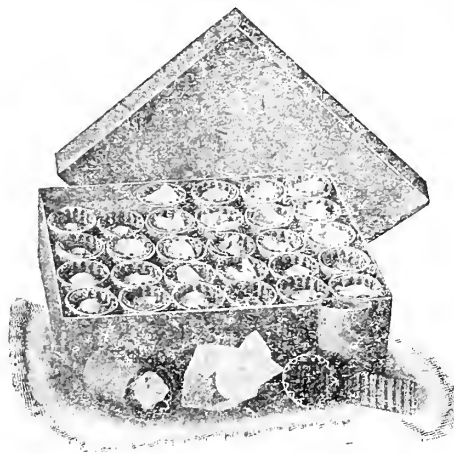
BAIER'S AUTOMATIC CHICK FEEDER—Allows the chicks to feed but keeps out the older fowls, \$4.00.

DOUBLE QUICK GRAIN SPROUTER—Best sprouter made. Catalogue free. No. 1 for 25 to 40 hens, \$6.00; No. 2, 50 to 75 hens, \$7.25; No. 3 for 100 to 150 hens, \$9.75; No. 4 for 200 to 300 hens, \$12.75; No. 5 for 400 to 600 hens, \$17.00; No. 6 for 800 to 1200 hens, \$26.00.

EGG BOXES—For shipping fancy eggs. Made of corrugated paper. One setting size, \$1.15 per dozen.

EYRIE EGG BOX—With handle. One setting, \$1.35 per doz.

THE REGAL EGG CARRIES



Not How Cheap But How Good

The only Carrier complete in every detail. You do not have to use any extras—no broken or cracked eggs. Has been pronounced by some of the best breeders in the country "The only egg box that will deliver eggs in first class condition."

15-egg size, 20c each, \$2.00 per dozen.

30-egg size, 35c each, \$3.25 per dozen.

All egg or chick boxes shipped by express or freight only.

EYRIE SHIPPING COOP

Top and bottom made of wood and the body is composed of corrugated paper in the form of a tube. Very light and durable, the best thing out.

NO. A—Size 12x16x18, weight per doz. 54 lbs., \$3.25 per doz.

NO. B—Size 12x18x22, weight per doz. 64 lbs., \$3.75 per doz.

NO. C—Size 12x22x22, weight per doz. 70 lbs., \$4.00 per doz.

NO. D—Size 20x22x22, weight per doz. 115 lbs., \$5.50 per doz.

NO. E—Size 20x24x22, weight per doz. 125 lbs., \$6.00 per doz.

SEFTON LIVE CHICK BOX

25 chicks, size 12x6x5, weight per doz. 6 1/2 lbs., \$1.25 per doz.

50 chicks, size 12x12x5, weight per doz. 14 lbs., \$1.75 per doz.

100 chicks, size 24x12x5, weight per doz. 22 lbs., \$2.90 per doz.

POULTRY REMEDIES

LEE'S LICE KILLER—Price, qt. 35c; 1/2 gal. 60c; gal. \$1.00.

LEE'S INSECT POWDER—1 1/4 lb. sprinkler top cans, 25c ea.

LEE'S EGG MAKER—2 lb. package 25c; 5 lb. package 50c.

LEE'S GERMAZONE—The great poultry medicine for bowel complaint, chicken cholera, roup, canker and inflammation of the throat. Either liquid or tablets, price 50c.

LEE'S WHITE DIARRHOEA REMEDY—50c.

OCULUM—A scientific remedy and preventive for cholera, roup, white diarrhoea and sore head; also cure for gaps. Two sizes, 50c and \$1.00.

PRATTS also TALBOTT'S POULTRY REMEDIES—We carry a full line of these goods. Catalogue and prices free.

THE AQUARIUM

A well regulated aquarium adds an elegance to any place and is one of the most desirable ornaments for the parlor, library, sitting or dining room. It offers a wide opportunity for the study of nature, the motion of animal life eliciting the admiration of all, while affording instructive amusement for the children. The fishes require very little attention and live a great many years. They can be shipped at all seasons of the year, cold weather does not affect them unless bucket containing them freezes solid. Fish shipped by express only at purchasers expense and risk.

GOLD FISH—While there are many varieties of gold fish in the list we refer to the plain variety only by this name. These are more popular than the fancy sorts, being hardy and generally satisfactory. They are universal favorites, of golden red color. Prices, 10c, 15c, 25c, 35c, 50c and \$1.00 each, according to size. Extra choice three-color specimens, when obtain-

able, \$1.00 each. The 25c size (5 for \$1.00) is the most popular. The largest size is only suitable for ponds or fountains.

SILVER FISH—This is simply an uncolored gold fish of dark silvery color. Nice for a variety. Medium size 10c each; 6 for 50c.

JAPANESE TELESCOPE GOLD FISH—This is one of the

most interesting and curious of the Goldfish family, owing to its large and protruding eyes which stand out from the head at least 1/2 to 3/4 of an inch. Owing to its peculiar shape it moves slowly through the water, and at times seems very difficult for them to maintain their equilibrium in the water. Those of pure black being very rare and command a high price at all times. Price, all gold, \$2.00, \$2.50 and \$3.00 each. All black, \$3.00 and \$4.00 each. Black and gold, \$3.00 and \$4.00 each.

COMET FISH—Also called "Gorgeous Tails," "Long-Tailed Beauties," and "Fancy Gold Fish." They are without doubt the most graceful in their movements of all aquarium fish. Medium size, 35c each; large, 50c to \$1.00 each.

JAPANESE FANTAIL FISH—By far the most popular of all fancy fish and the most satisfactory of the imported varieties. The fins and tails are long and of delicate lace-like substance. The tail is V-shaped and frequently divided so that it might be called two distinct tails. Nice specimens, 50c each; choice, 75c to \$2.00 each.

JAPANESE PRINCE TAIL FISH—We can furnish nice young specimens at \$1.50 each; select at \$2.50 and \$5.00.

SHIPPING BUCKETS—For this purpose we offer two or three quart tin buckets suitable for holding 6 medium sized fishes or less at 10c each; 4 quart at 15c; 6 quart will hold 12 medium fishes, 20c.

PREPARED FISH FOOD—Food for all kinds of gold fish. Price 10c box; \$1.00 per dozen, postpaid.

AQUARIUM CASTLES—Price according to size and to pattern, 20c to \$2.00 each.

CABOMBA, or AQUARIUM MOSS—This is the prettiest plant in existence for growing in aquariums, and also the most valuable. The foliage is of a beautiful light green and the leaves spread out like a fan, which gives it the name of Fanwort. Leaves are beautiful and regularly cut and resemble a delicate lace fern. Grows all the year round, but it looks a great deal better during fall and winter months than during spring. May be broken any length and roots rapidly. Should be weighted down so the base of stems are in the sand. Bunch of 10 stems 25c postpaid.



Glass Fish Tank

FLAT GLASS FISH TANKS—(See cut)					
Diameter			Holds		
7 inch	1/4 gallon	\$.75	10 inch	2 gallon	\$1.50
8 inch	1/2 gallon	1.00	12 inch	3 gallon	2.00
9 inch	1 1/4 gallon	1.25			
Price on larger size on application.					

Price on larger size on application.

GLASS FISH GLOBES—These are neat, cheap, and consequently more popular than the large aquariums. The 8, 9, 10 and 11 inches are the sizes most used.

Diameter	Holds	Each	Diameter	Holds	Each
5 inch	1 quart	.25	10 inch	8 quart	\$1.00
6 inch	2 quart	.40	11 inch	12 quart	1.25
7 inch	3 quart	.50	12 inch	16 quart	1.75
8 inch	4 quart	.60	15 inch	30 quart	3.00
9 inch	6 quart	.75			

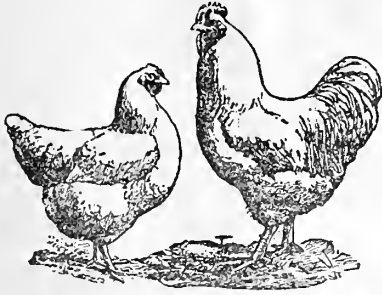
AQUARIUMS—Strong, Iron-frame tank. Capacity about 2 1/2 gallons, price \$4.00; 6 gallons \$5.50; 9 gallons \$6.50; 12 gallons \$8.00.

HARTZ MOUNTAIN CANARIES—These are a specialty with us. They are bred in Germany, high up among the Hartz Mountains, and are famous for their clear, pure, beautiful song, which is a restful melody. There is no comparison between these and common American "screeching" canaries, whose choppy notes are at times almost ear-splitting. Choice male birds, \$5.00 each.

ST. ANDREASBERG ROLLER CANARIES—These birds are without doubt the finest songsters in the world. Their tones are sweet, round and full consisting of delightful bell notes, low water bubble, charming flute notes and long, silvery trills. Their most restful music continually surprises by its many changes. They are an ideal bird for an invalid and are often presented by our customers to sick friends. *Each \$7.00.



Seed Drills and Cultivators

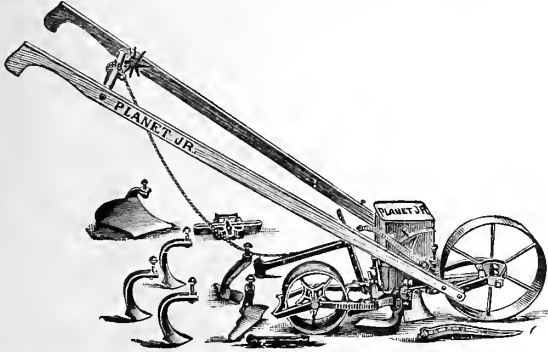


WHITE ROCKS

Eggs from First Pen, \$5 per Setting of 15
Eggs from Second Pen, \$3 per Setting of 15
Utility Eggs, \$1 per Setting of 15

PLANET JR.

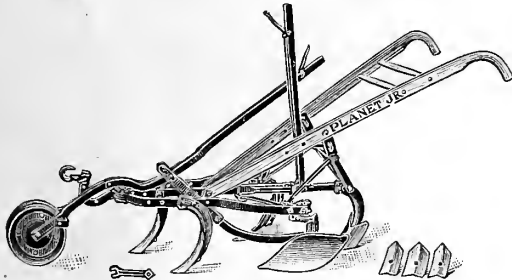
Send for a complete Catalogue of Planet, Jr., Tools.



Planet Jr., No. 4

PLANET JR., NO. 4—Combined Hill and Drill Seeder Wheel Hoe Cultivator and Plow. Price, complete, \$11.00; as a Seeder, only \$9.00.

THE NEW PLANET JR., NO. 3 Hill Dropping Seed Drill—This drill will sow in a continuous row, in the ordinary way, with the greatest regularity; it will drop neatly in hills, either four, six, eight or twelve inches apart. It opens the furrows, drops in hills or drills, covers, rolls down and marks the next row, all at one operation. The hopper holds two and one-half quarts. It is changed in a moment from hill dropping to drill work. Price \$10.50.

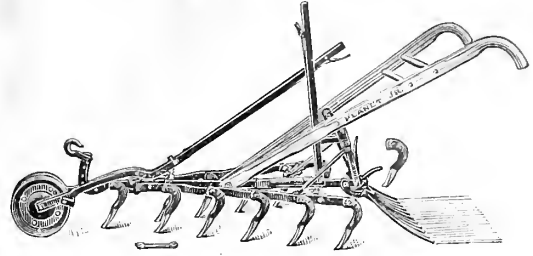


Planet Jr., Horse Hoe Cultivator No. 8

PLANET JR., HORSE HOE AND CULTIVATOR NO. 8—Has patent lever expander, handles and adjustable side ways in height, high steel frame, parallel side bars and hollow steel standards. By means of the lever expander it may be quickly changed in width from wide to narrow, or one side remain contracted while the other is expanded. An entirely new and valuable feature is a lever wheel, which can be changed in an instant to any depth. Price \$9.00.

PLANET JR., NO. 12—Double Wheel Hoe. Price, with attachment, \$7.00

PLANET JR., NO. 17—Single Wheel Hoe. Price, \$5.00.



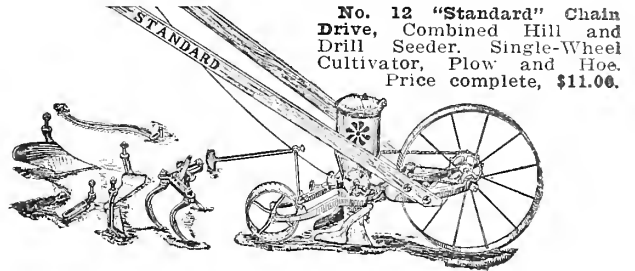
Planet Jr., No. 12 Tooth Cultivator

PLANET JR., NO. 12 TOOTH HARROW—Cultivator and pulverizer. Complete with lever wheel and pulverizer, \$9.00. Less pulverizer, \$7.40; less pulverizer and wheel, \$6.20.

NEW MODEL SEED DRILL—One of the best and cheapest. Price, \$8.00.

THE STANDARD GARDEN TOOLS

Catalogue of Standard Tools Free



No. 12 "Standard" Chain Drive, Combined Hill and Drill Seeder, Single-Wheel Cultivator, Plow and Hoe. Price complete, \$11.00.

No. 2 "Standard" Spring Beam, Double-Wheel Hoe, Cultivator, Plow and Rake, Price \$6.00

THE BUCKLEY



The Cheapest, most Durable and Easiest Running—This most excellent garden tool has a 30-inch steel wheel, 5 small all-steel points, shown in cut, 1 steel shovel for cultivating and marking, a mould board attachment.

The tooth frame straddles the wheel in such a way as to bring the points almost directly under the wheel. This, in connection with the high wheel gives great lever power, and renders it the easiest running machine on the market. If you have only a private garden, it will

pay you to have one. Complete, \$6.00.

KRAMER'S POT HANGERS

(Patented)



The neatest, simplest, most convenient and only practical device ever invented for converting ordinary flower pots into hanging baskets when you can get our pot hangers. They are cheap and will fit all standard made flower pots from 2 to 10 inches in diameter. The illustration shows how they are attached to pots. Price of pot hanger with wire chain, 20c, postpaid.

NOYES' HAZELTINE, EXCELSIOR — Lang's Hand. Each 25c; if by mail, 30c.



